

- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-1

Enbridge

Desktop Environmental Features

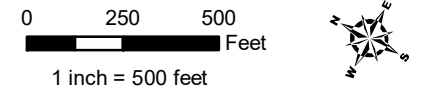
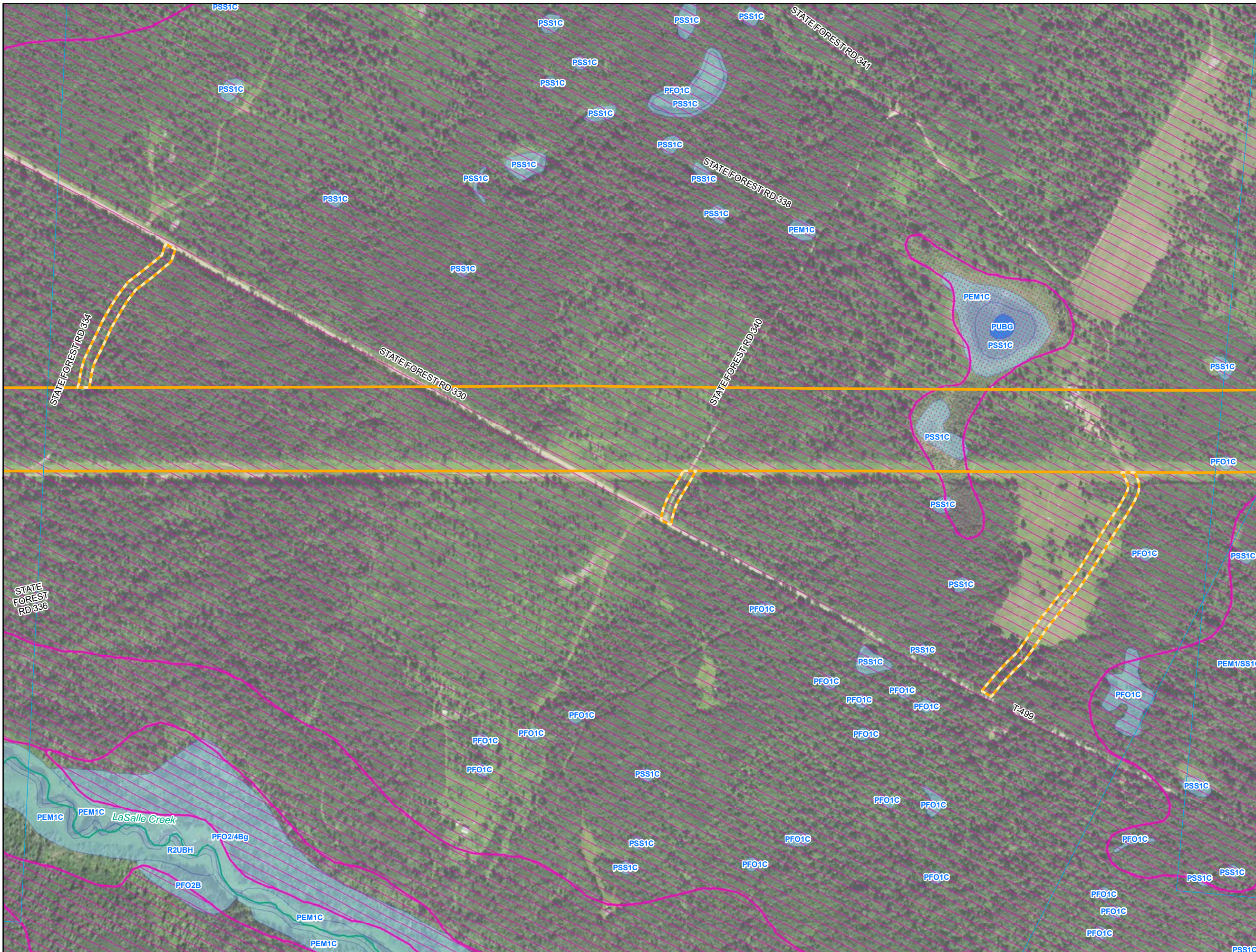
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\Wetland_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MMT\LSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-2

Enbridge

Desktop Environmental Features

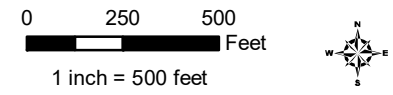
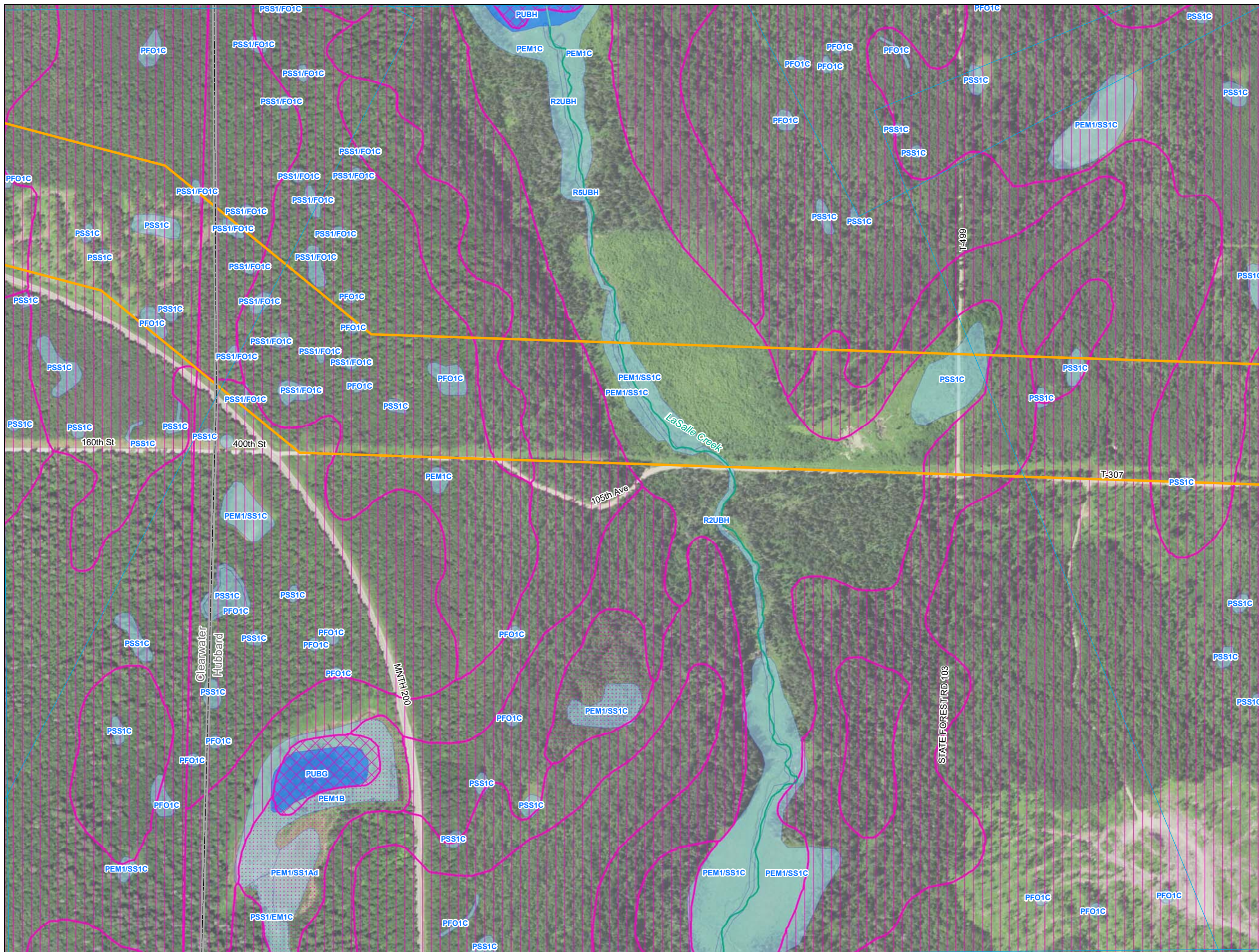
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT1\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-3

Enbridge
Desktop Environmental
Features

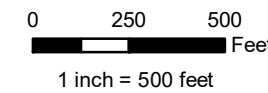
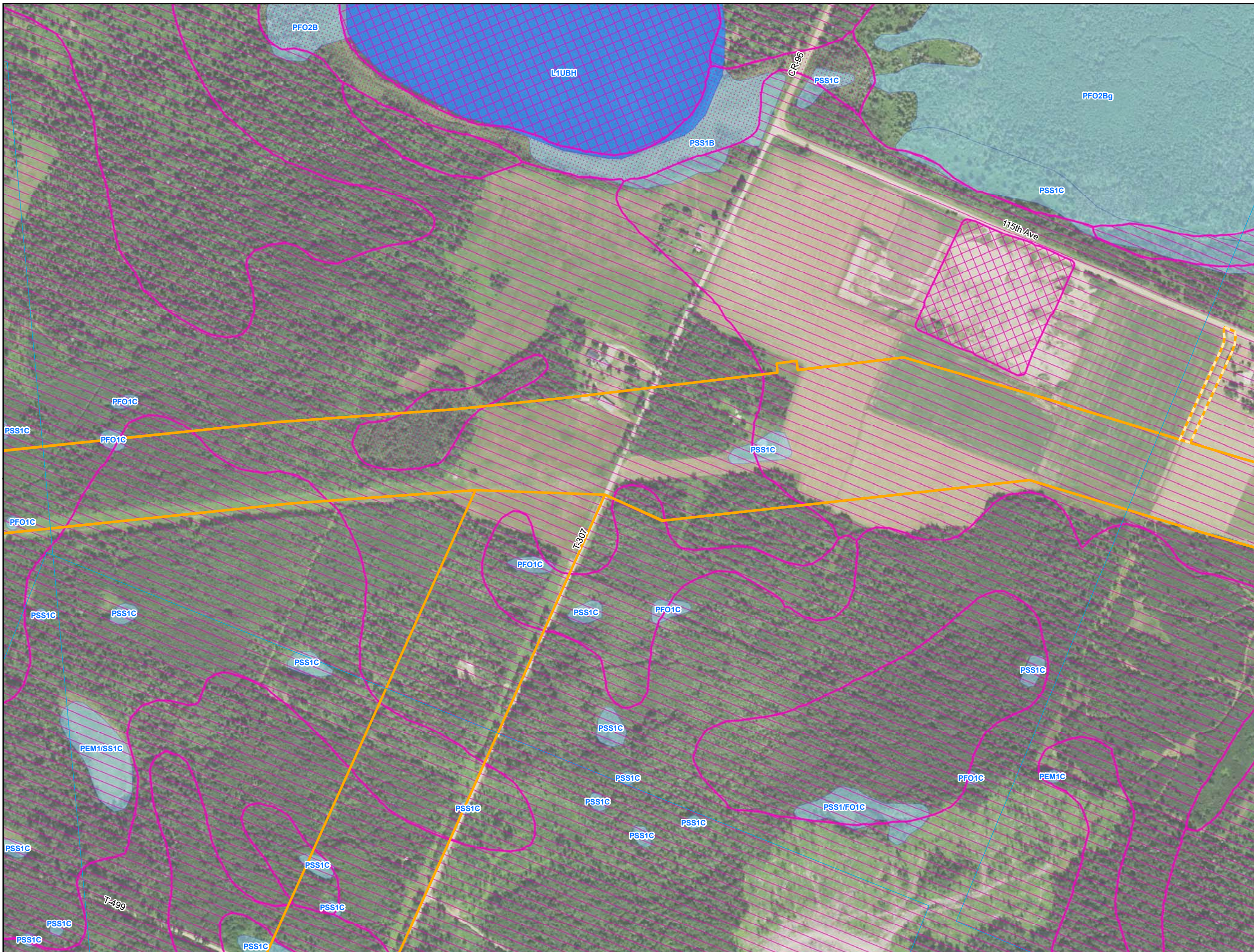
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_H\Enbridge\Line_3_Full_Replacement\MapData\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\Map\Line3R_Wetland_WB_AppendixC_MN_bk.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-4

Enbridge

Desktop Environmental Features

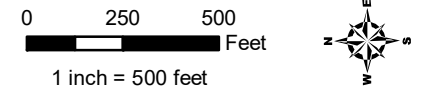
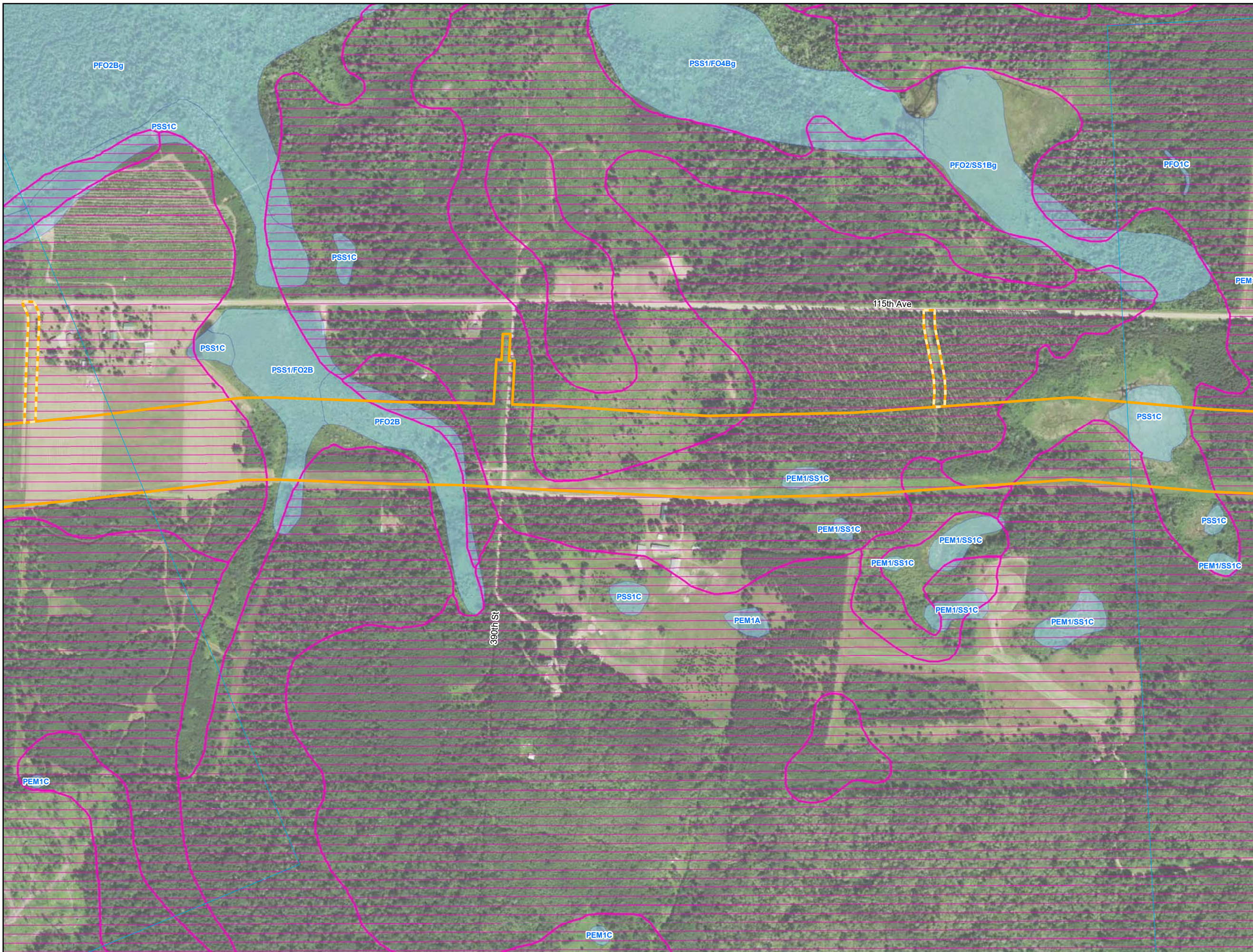
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\MapData\Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-5

Enbridge

**Desktop Environmental
Features**

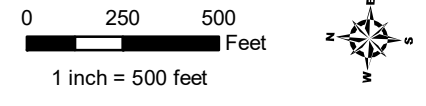
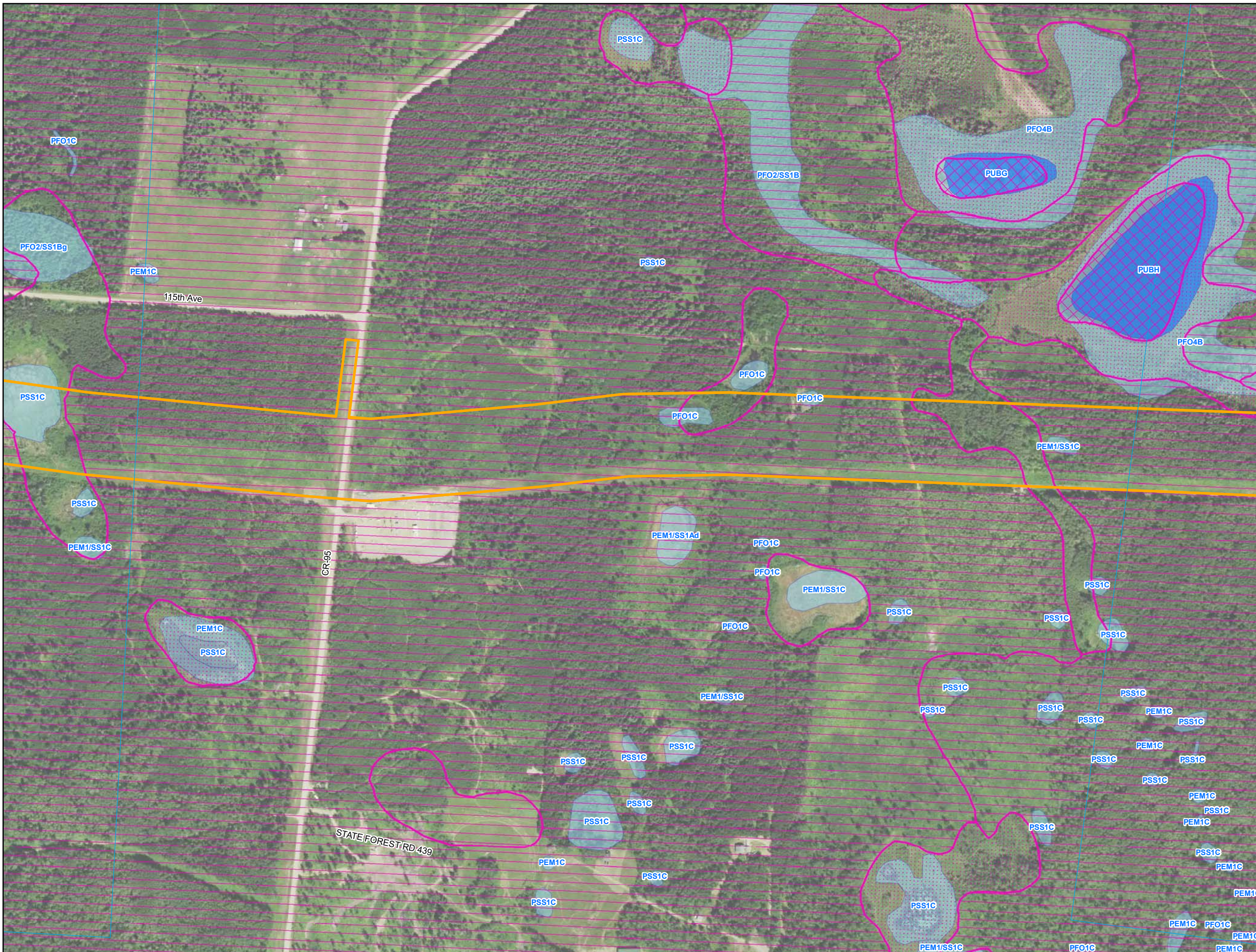
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_F\IE\enbridge\Line_3_Full_Replacement\IE\Wetland\Waterbody\Reports\Wetland\Waterbody_20180631\Wetland_Waterbody_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-6

Enbridge

**Desktop Environmental
Features**

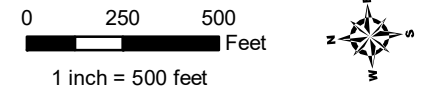
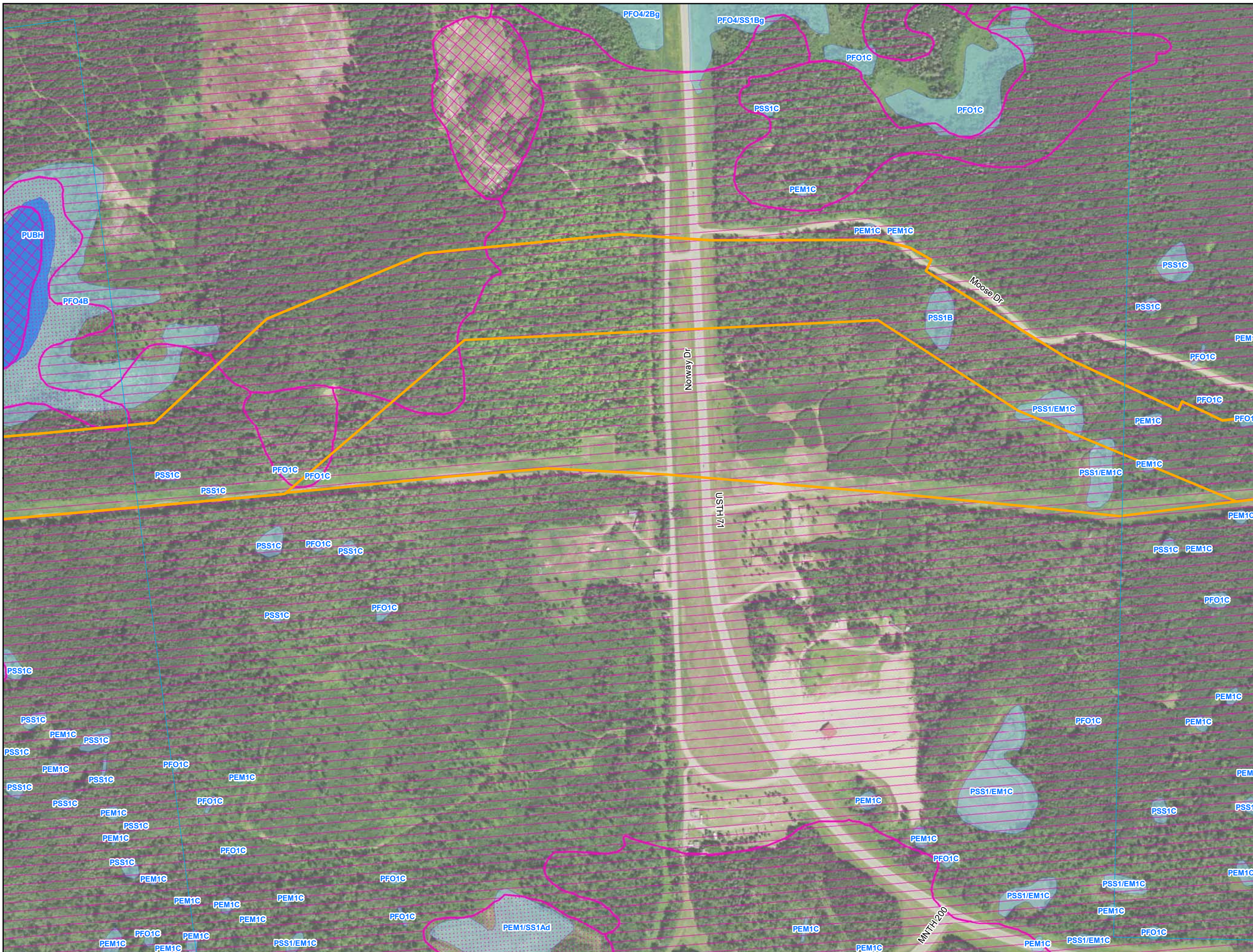
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\MapData\Waterbody\Reports\Wetland_Data\Waterbody\Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-7

Enbridge

Desktop Environmental Features

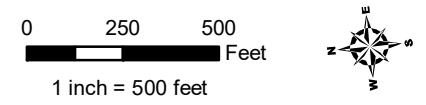
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge_Line_3_Full_Replacement\field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\Wetland_Waterbody_WB_AppendixC_MN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-8

Enbridge Desktop Environmental Features

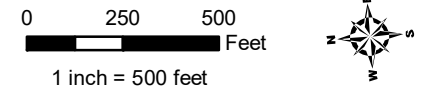
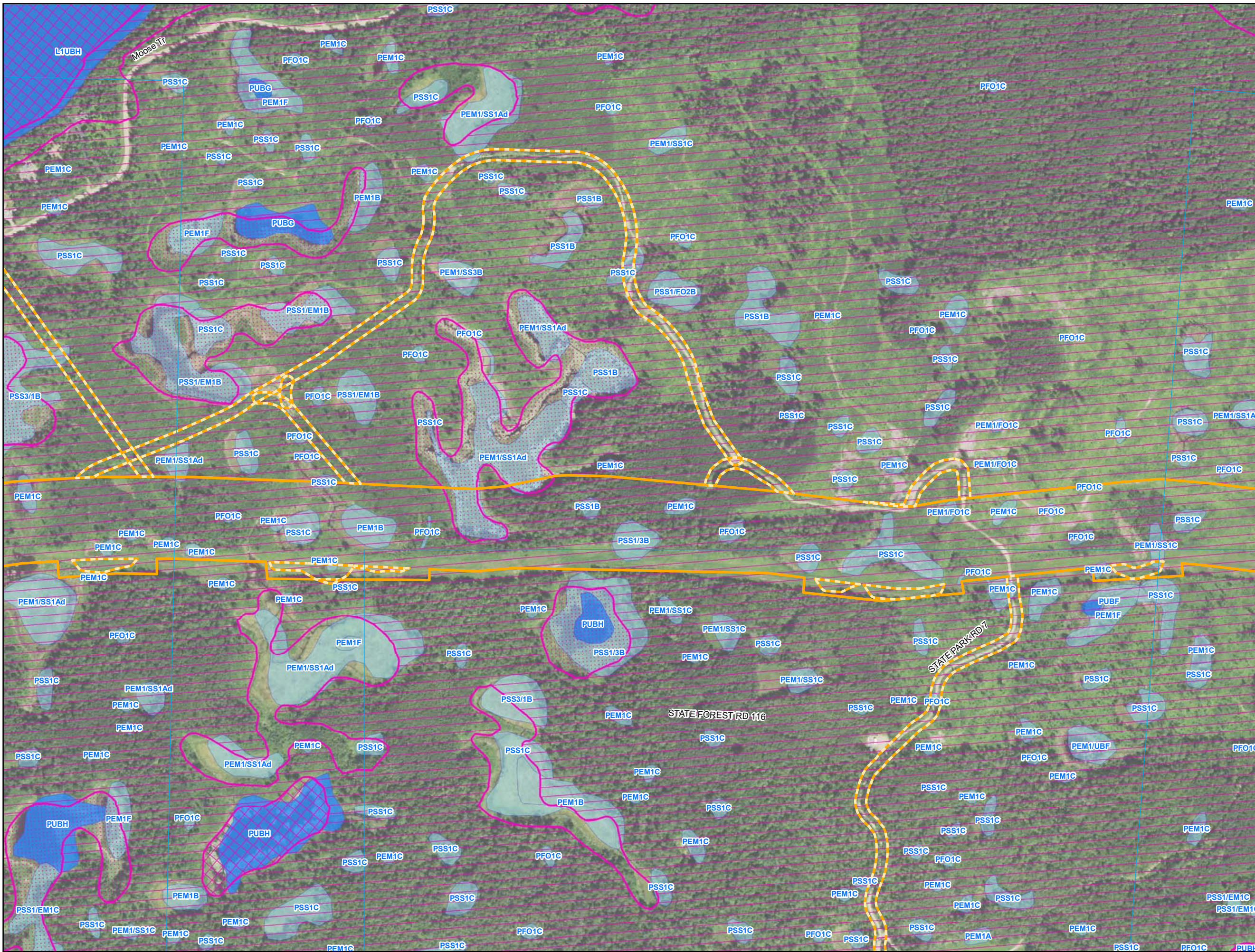
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\MapData\Wetland\Wetland_WB_AppendixC_MM_bkgs.mxd Date: (9/13/2018)



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-9

Enbridge
Desktop Environmental
Features

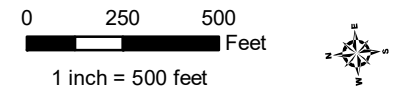
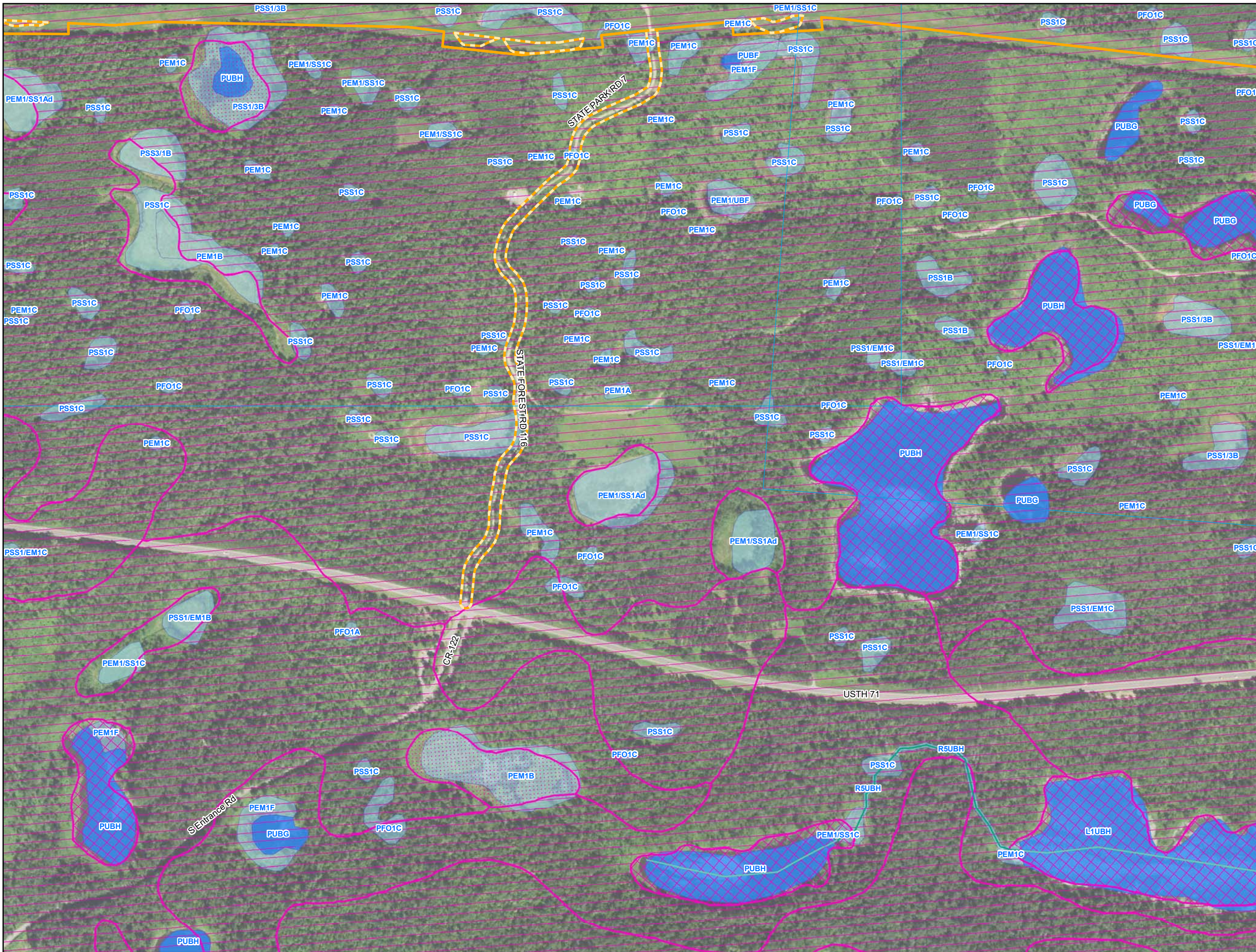
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\MapData\Waterbody\Reposits\Wetland_Data\Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-10

Enbridge
**Desktop Environmental
Features**

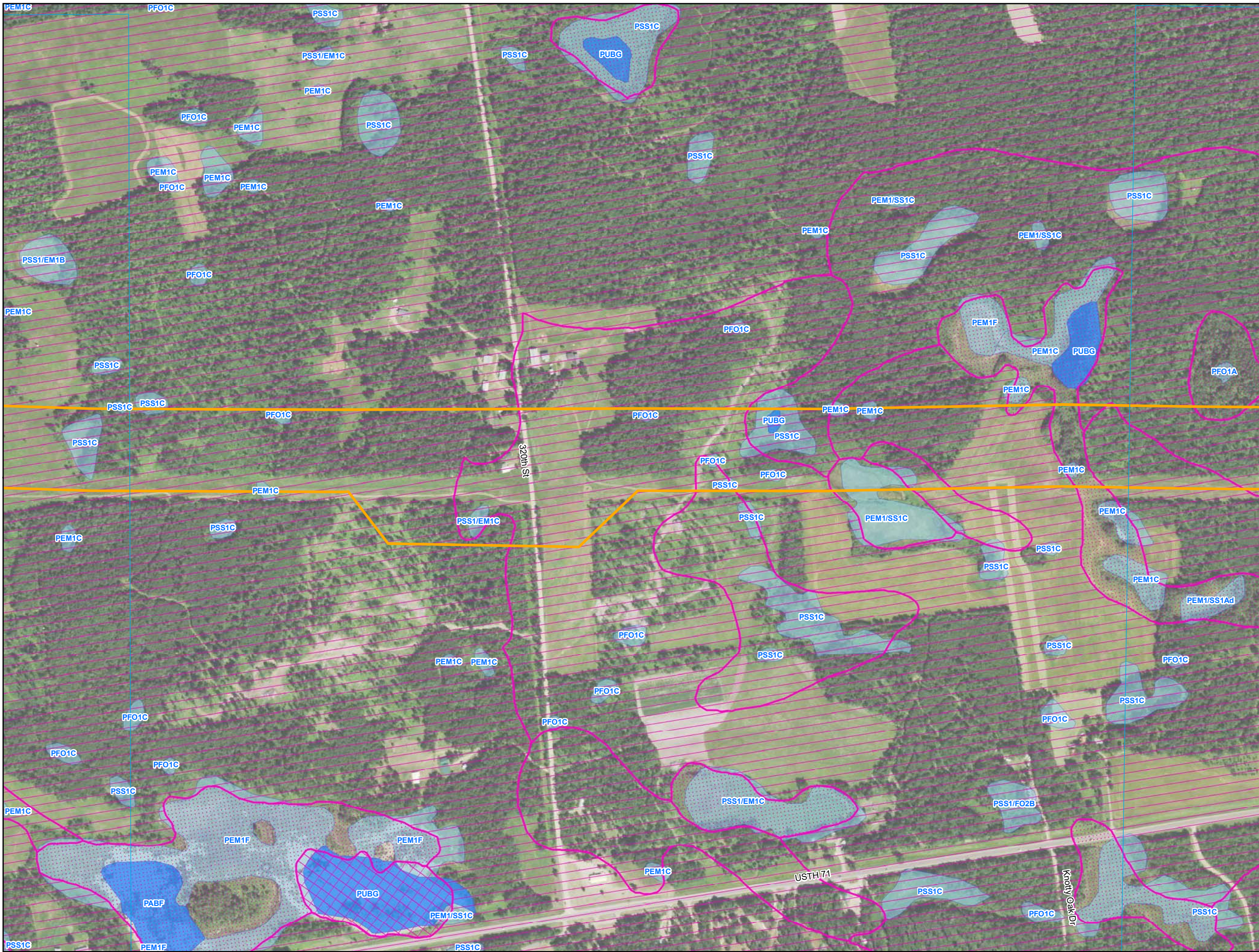
Hubbard County, Minnesota



September 2018

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Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge_Line_3_Pull_Replacement\IEID_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MINN13CR_Wetland_WB_AppendixC_MN_bds.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-12**

Enbridge

**Desktop Environmental
Features**

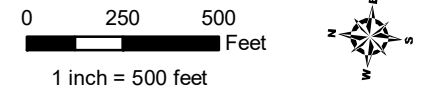
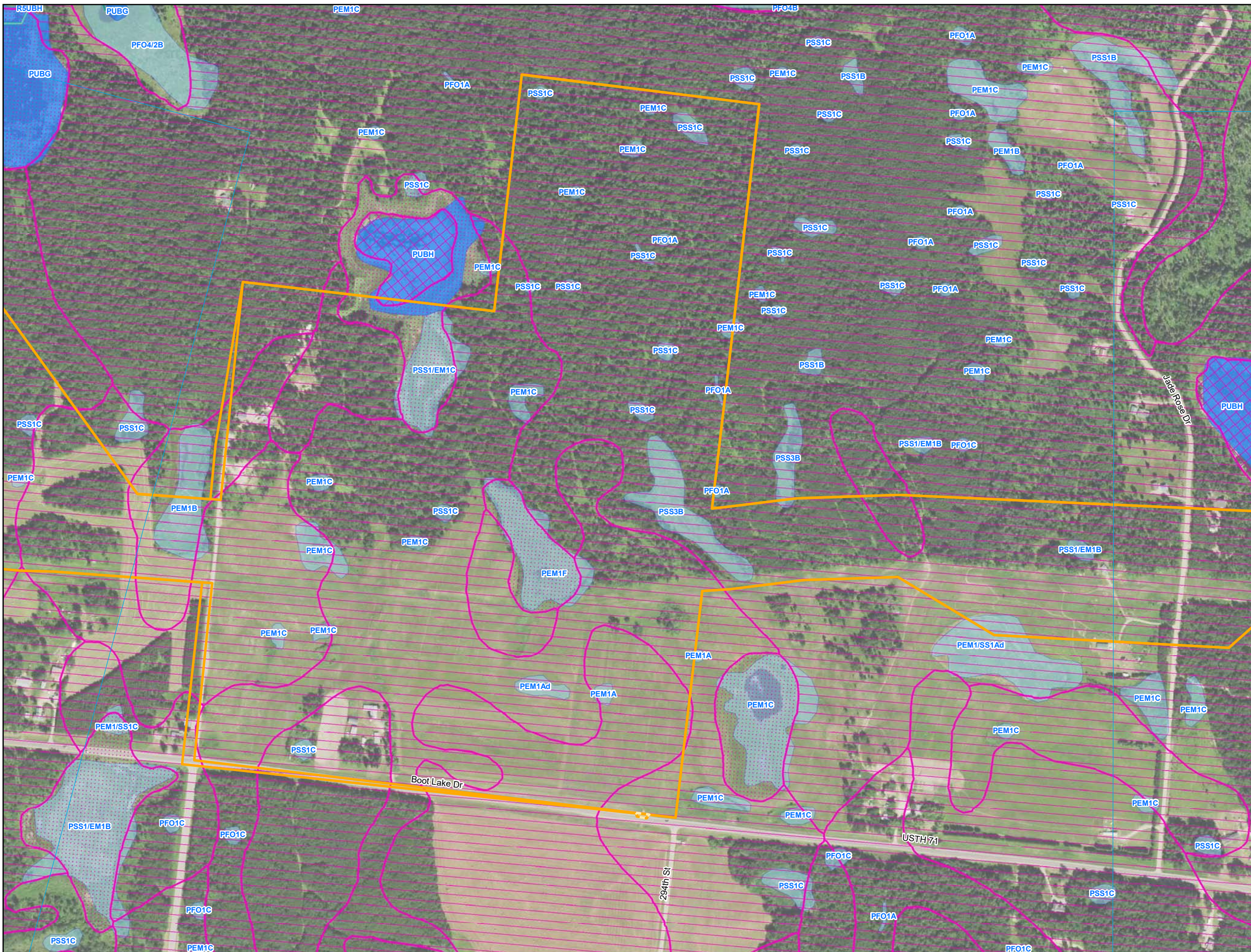
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_F\IE\Enbridge\IE_Data\Wetland\Wetland_20180631\Wetland_Waterbody_20180631\Wetland_Waterbody_20180631\MN\AppendixC_MN_dbs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
- Perennial Stream
- Intermittent Stream
- Canal/Ditch
- Waterbody
- Hydric Soils - (SSURGO)
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)

Appendix C Exhibit C 7-14

Enbridge
**Desktop Environmental
Features**

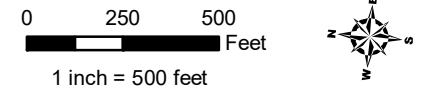
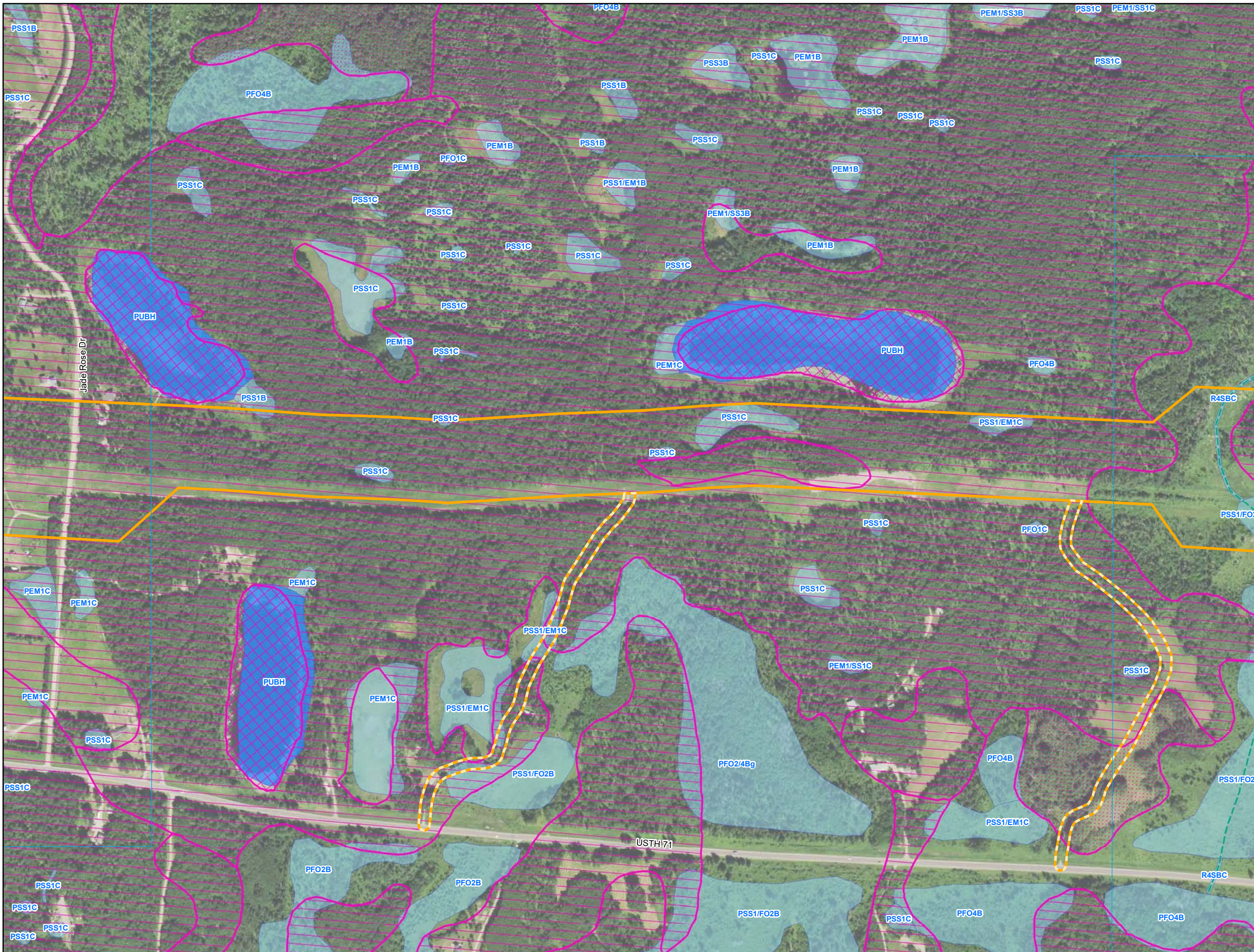
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge_Line_3_Full_Replacement\Field_Data\Wetland\Wetland_Web_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-15

Enbridge
**Desktop Environmental
Features**

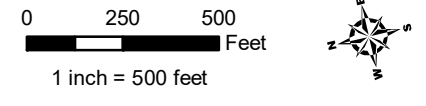
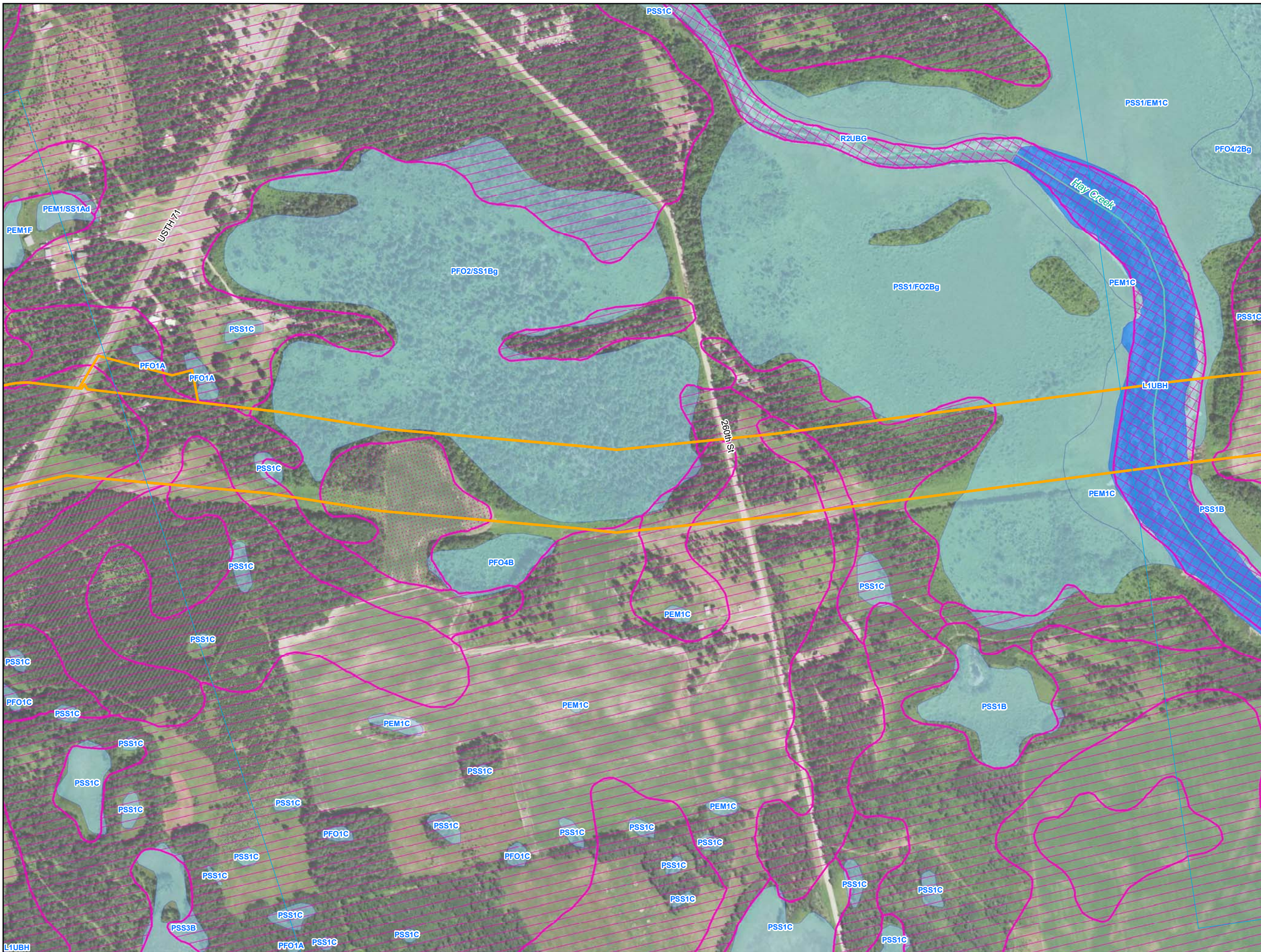
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\MapData\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\Map\Line3_Full_Replacement_Wetland_Waterbody_20180631.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-17

Enbridge
**Desktop Environmental
 Features**

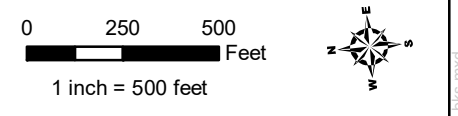
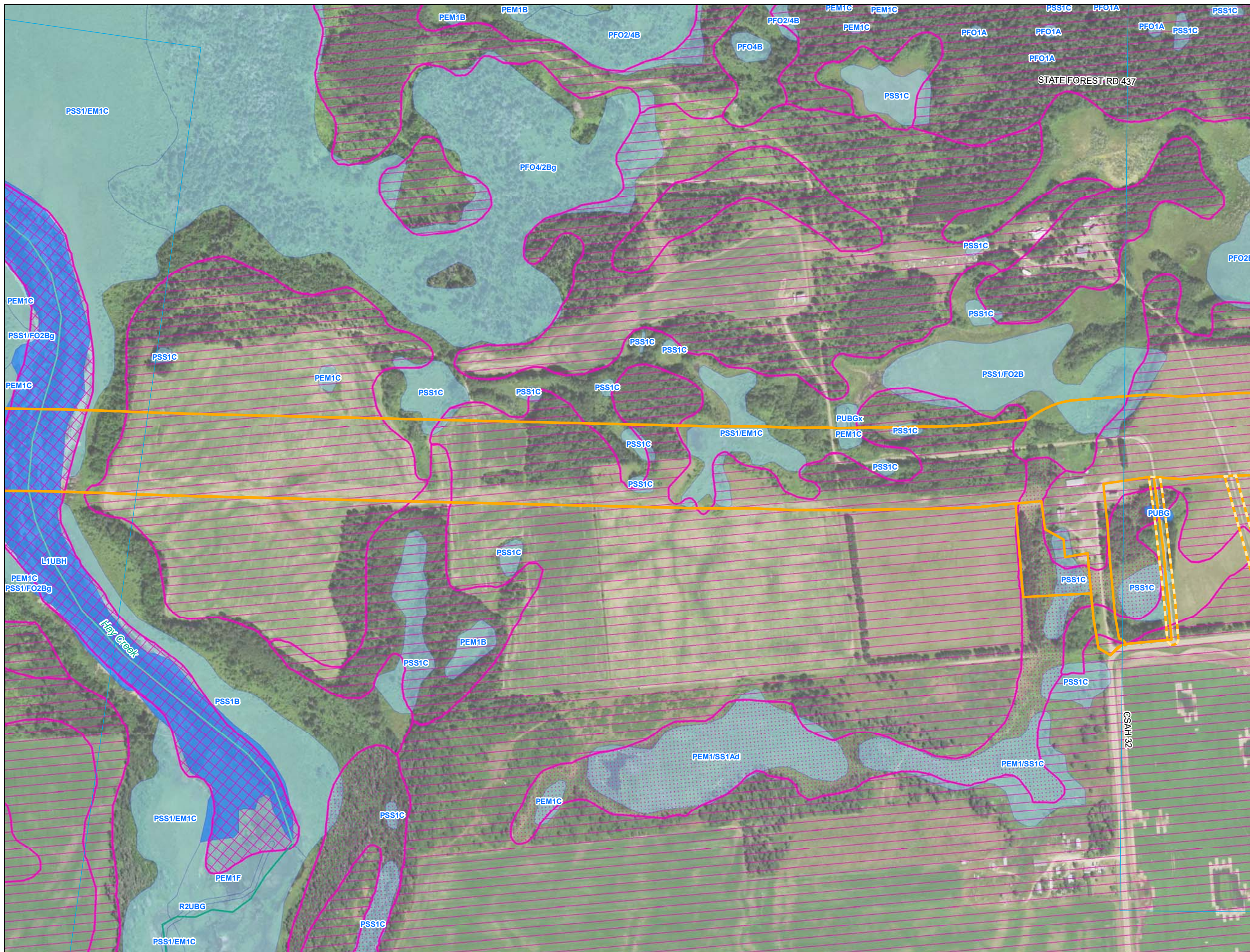
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\IEID_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_Disc.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydic Soils - (SSURGO)
 - Hydic (100%)
 - Hydic (66 to 99%)
 - Hydic (33 to 65%)
 - Hydic (1 to 32%)
 - Not Hydic (0%)

Appendix C Exhibit C 7-18

Enbridge
**Desktop Environmental
 Features**

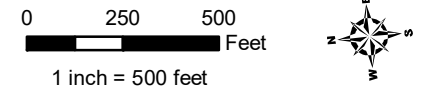
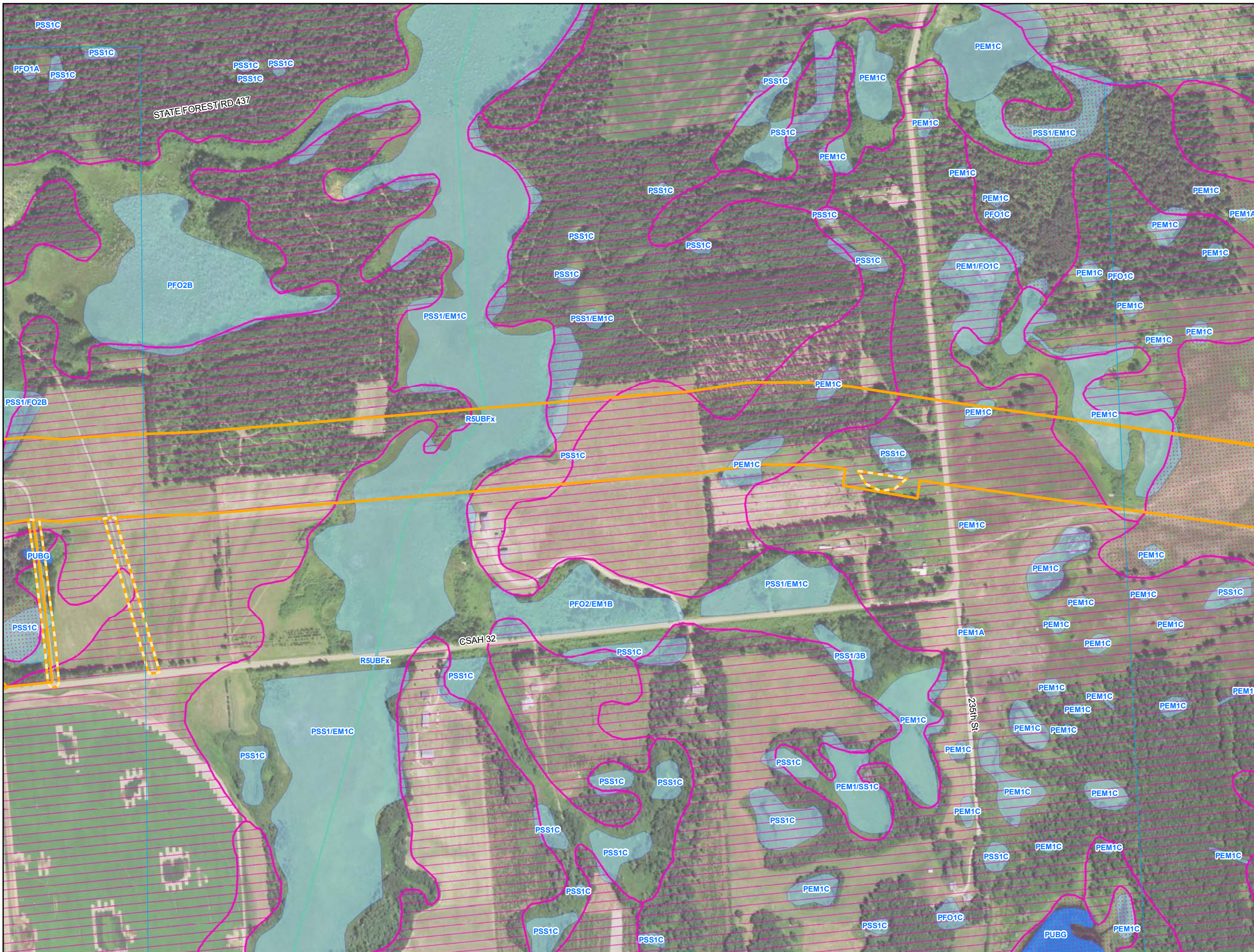
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\IEID_Data\Waterbody\Wetland_20180631\Wetland_20180631\Wetland_WB_AppendixC_MM_bkx.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-19

Enbridge

**Desktop Environmental
Features**

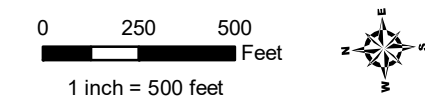
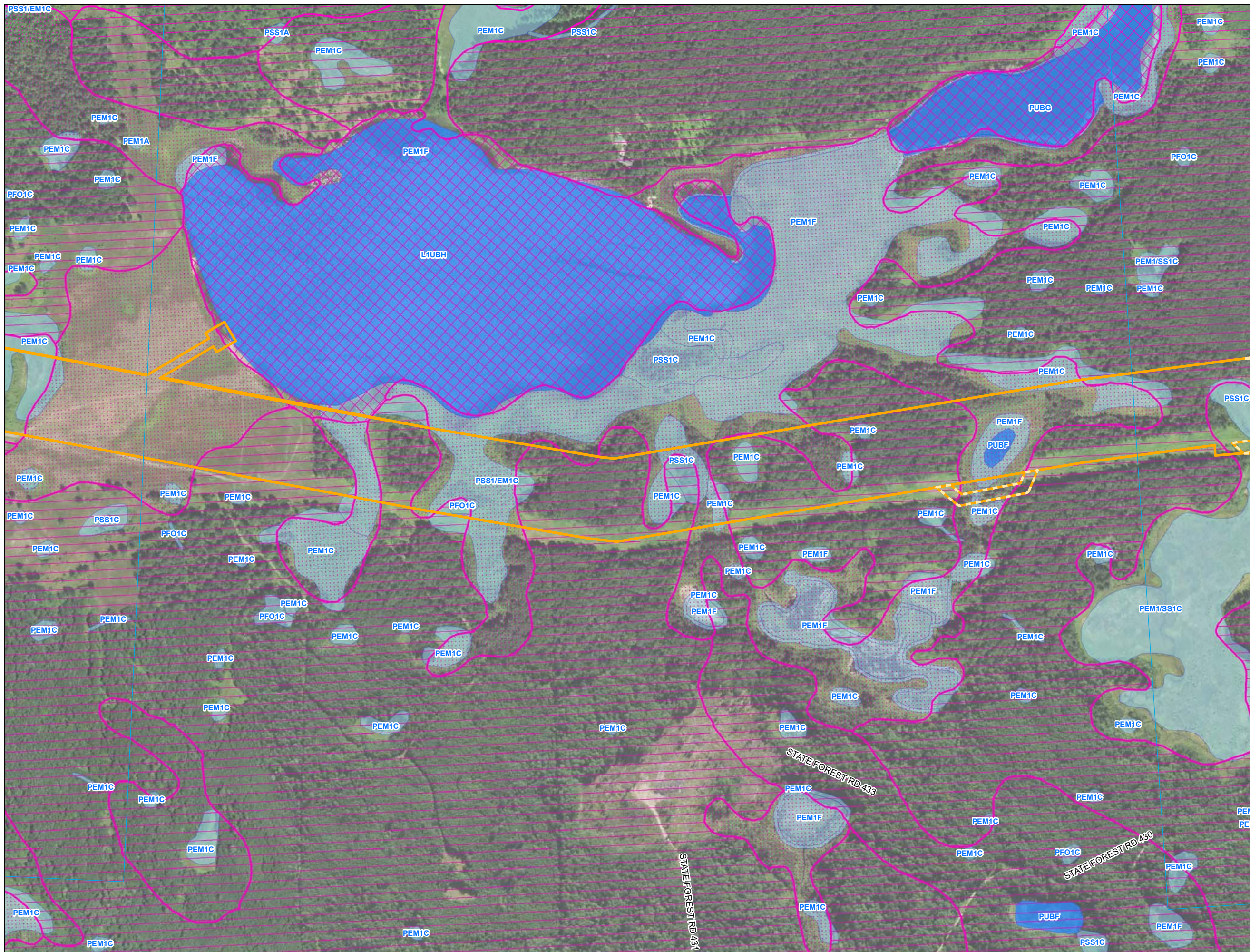
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge\Line_3_Full_Replacement\Mid_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MM1\CSA_32\Wetland_WB_AppendixC_MM1_bk1.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-20

Enbridge
Desktop Environmental
Features

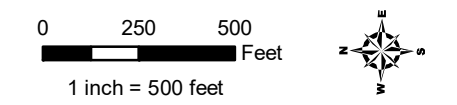
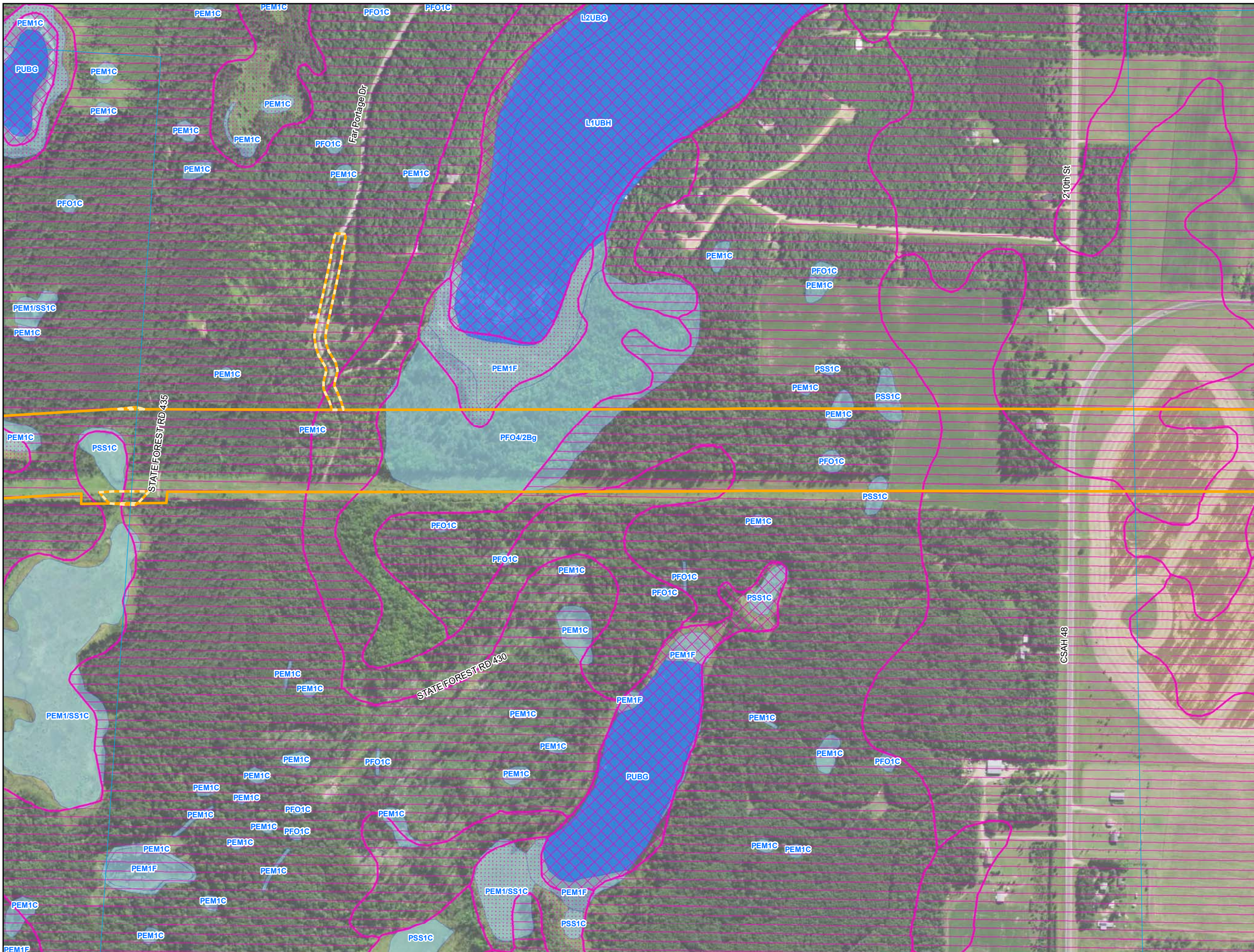
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_FHE\Enbridge_Line_3_Full_ReplacementField_Data\Wetland\Wetland\Waterbody\Reports\Wetland\Waterbody_20180631\MM1\CSR_Wetland_WB_AppendixC_MM1_bkgs.mxd
 Date: (9/13/2018)



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
- Perennial Stream
- Intermittent Stream
- Canal/Ditch
- Waterbody
- Hydric Soils - (SSURGO)
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)

Appendix C
Exhibit C 7-21

Enbridge

Desktop Environmental
Features

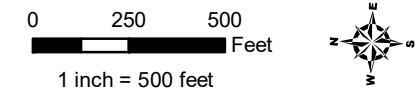
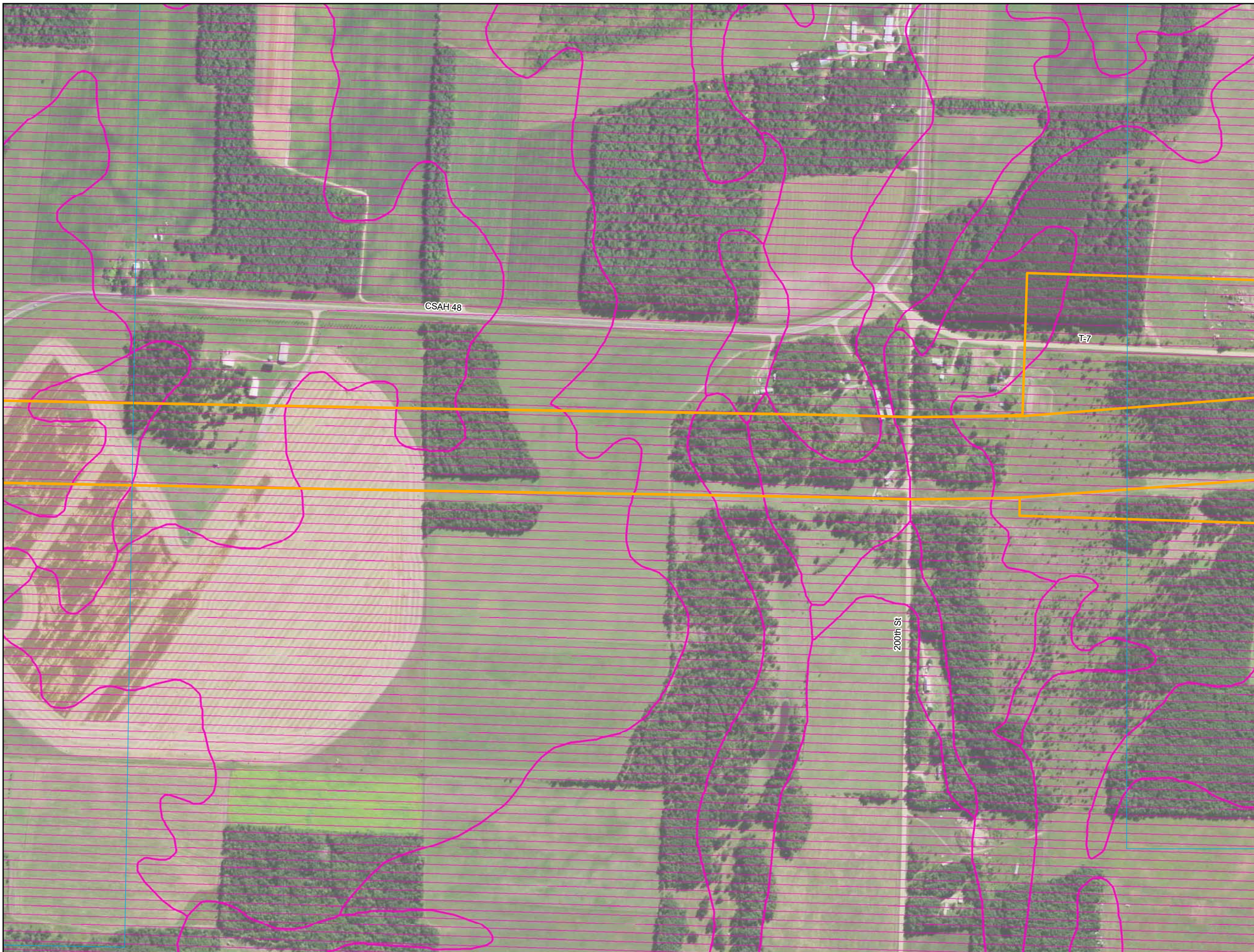
Hubbard County, Minnesota













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September 2018

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Source: Z:\Client\IE_FHE\Enbridge\Line_3_Full_Replacement\Mid_Data\Wetland\Wetland\Waterbody\Reports\Wetland\Waterbody_20180631\MM\T13LR_Wetland_WB_AppendixC_MM_bkgs.mxd



-  Environmental Survey Corridor
-  Access Road Survey Corridor
-  NWI Wetlands
- National Hydrography Dataset (NHD)
 -  Perennial Stream
 -  Intermittent Stream
 -  Canal/Ditch
 -  Waterbody
- Hydric Soils - (SSURGO)
 -  Hydric (100%)
 -  Hydric (66 to 99%)
 -  Hydric (33 to 65%)
 -  Hydric (1 to 32%)
 -  Not Hydric (0%)

Appendix C Exhibit C 7-22

Enbridge Desktop Environmental Features

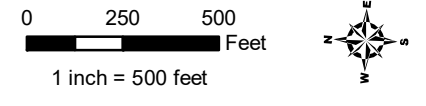
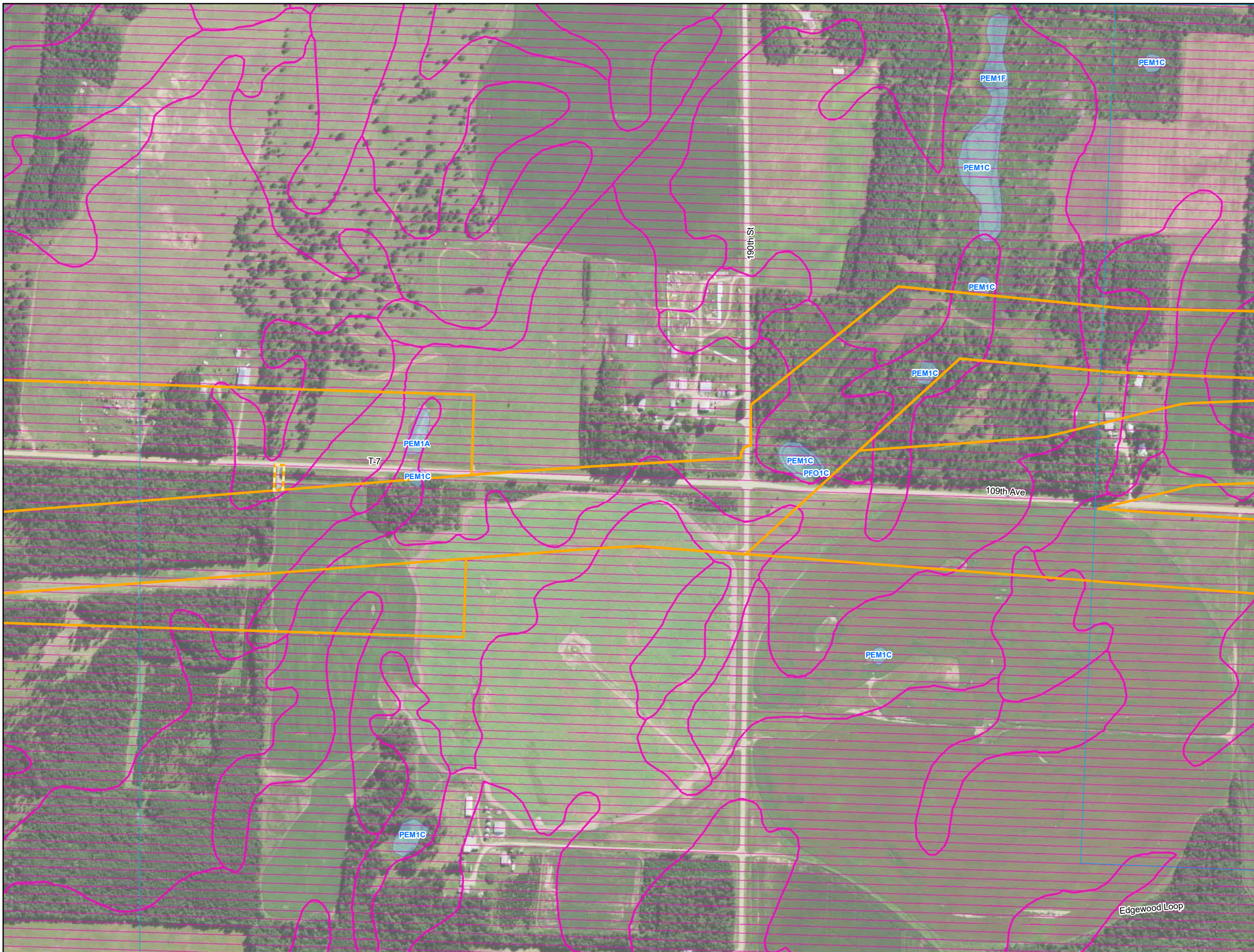
Hubbard County, Minnesota















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-  Environmental Survey Corridor
-  Access Road Survey Corridor
-  NWI Wetlands
- National Hydrography Dataset (NHD)
 -  Perennial Stream
 -  Intermittent Stream
 -  Canal/Ditch
 -  Waterbody
- Hydric Soils - (SSURGO)
 -  Hydric (100%)
 -  Hydric (66 to 99%)
 -  Hydric (33 to 65%)
 -  Hydric (1 to 32%)
 -  Not Hydric (0%)

**Appendix C
Exhibit C 7-23**

Enbridge

**Desktop Environmental
Features**

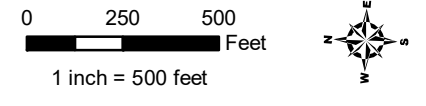
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\WMT1\LSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-24

Enbridge
**Desktop Environmental
Features**

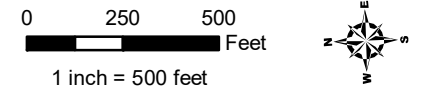
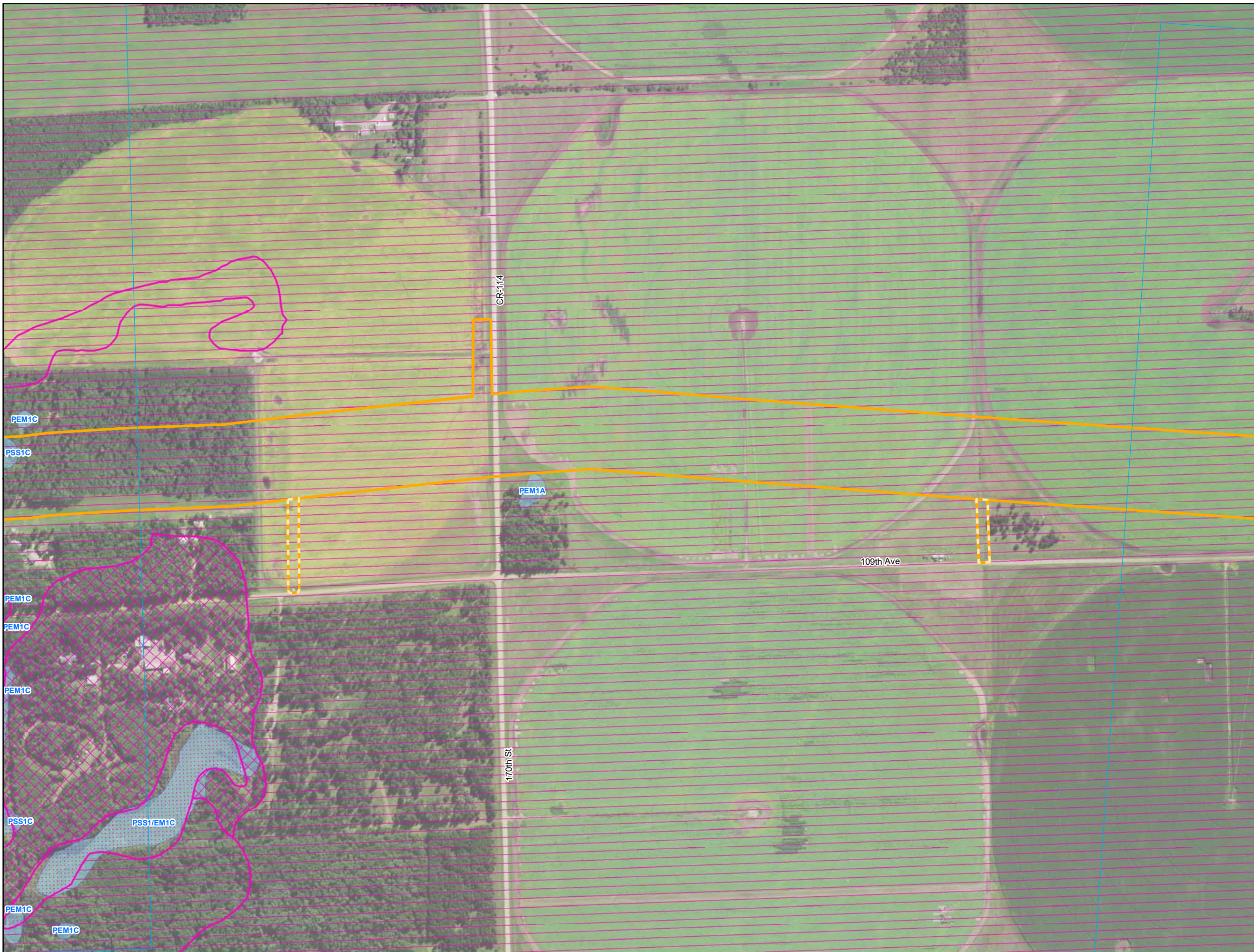
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Wetland_20180631\MNTH_94_Wetland_WB_AppendixC_MN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-25**

**Enbridge
Desktop Environmental
Features**

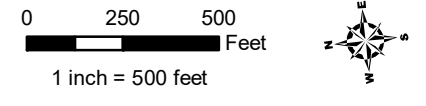
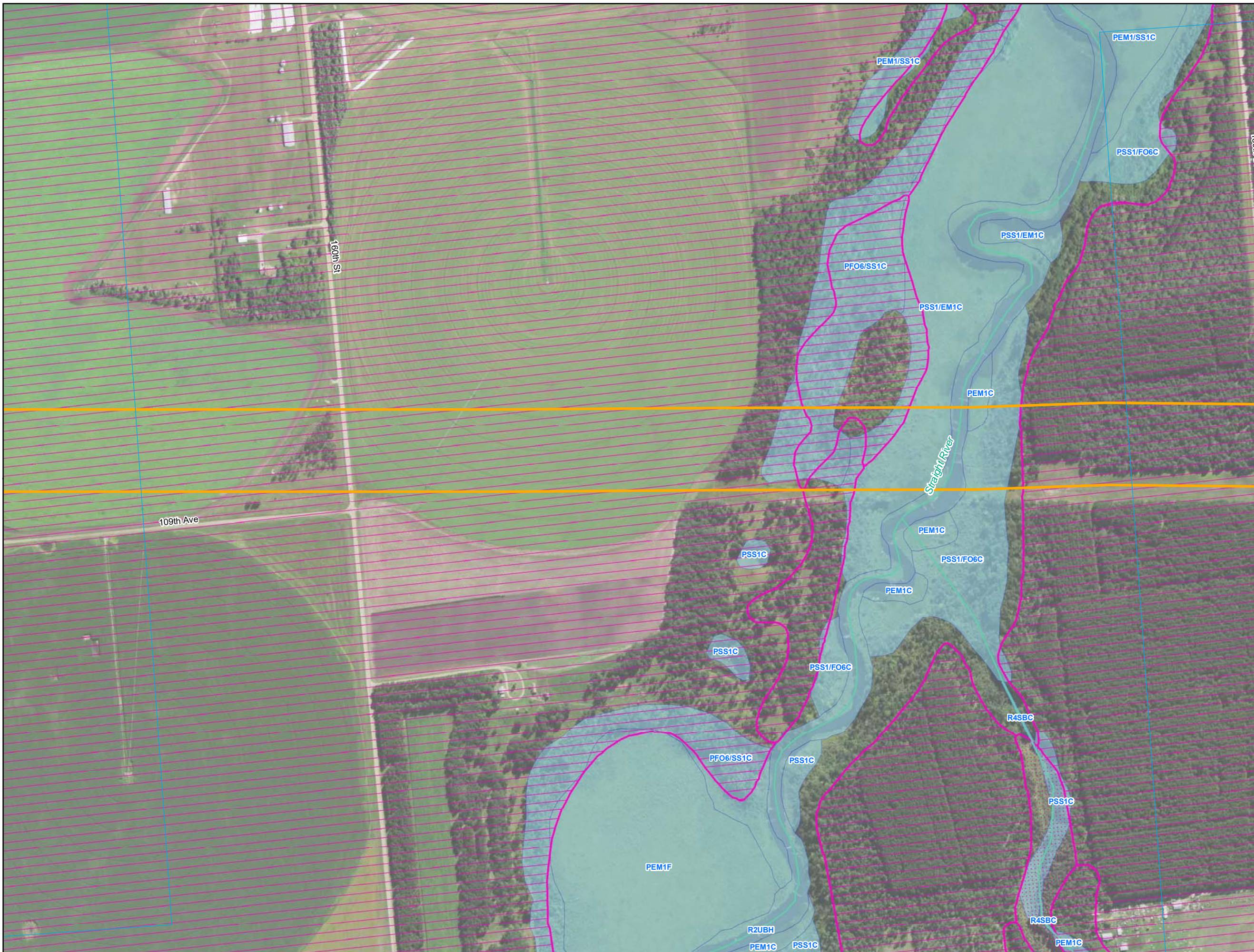
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-26**

**Enbridge
Desktop Environmental
Features**

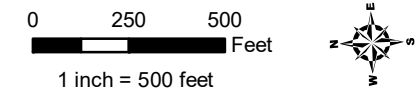
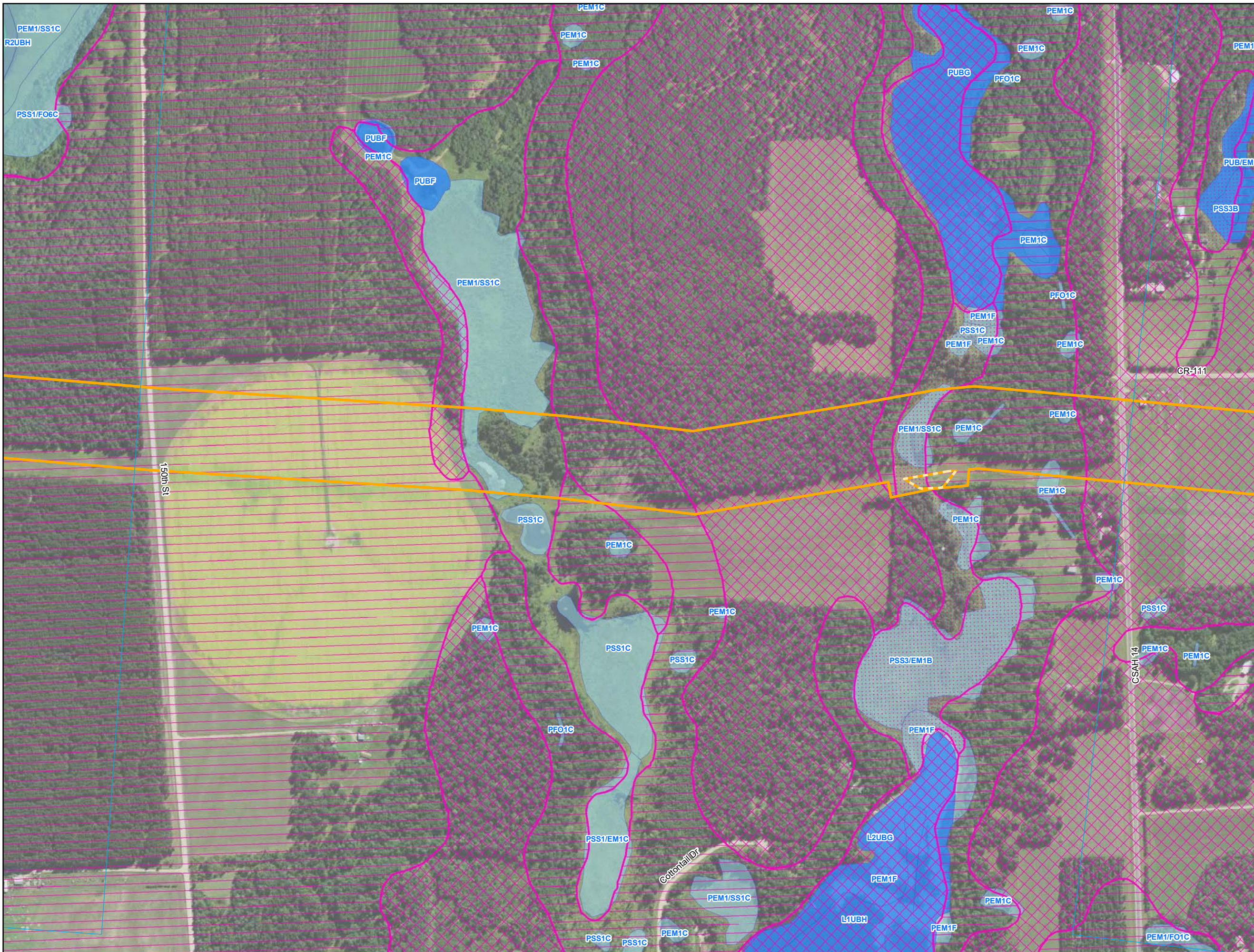
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge\Line_3_Full_Replacement\IEID_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MMT1\3SR_Wetland_WB_AppendixC_MM_bk1.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-27

**Enbridge
Desktop Environmental
Features**

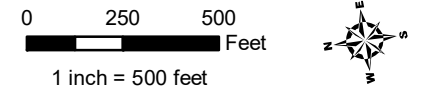
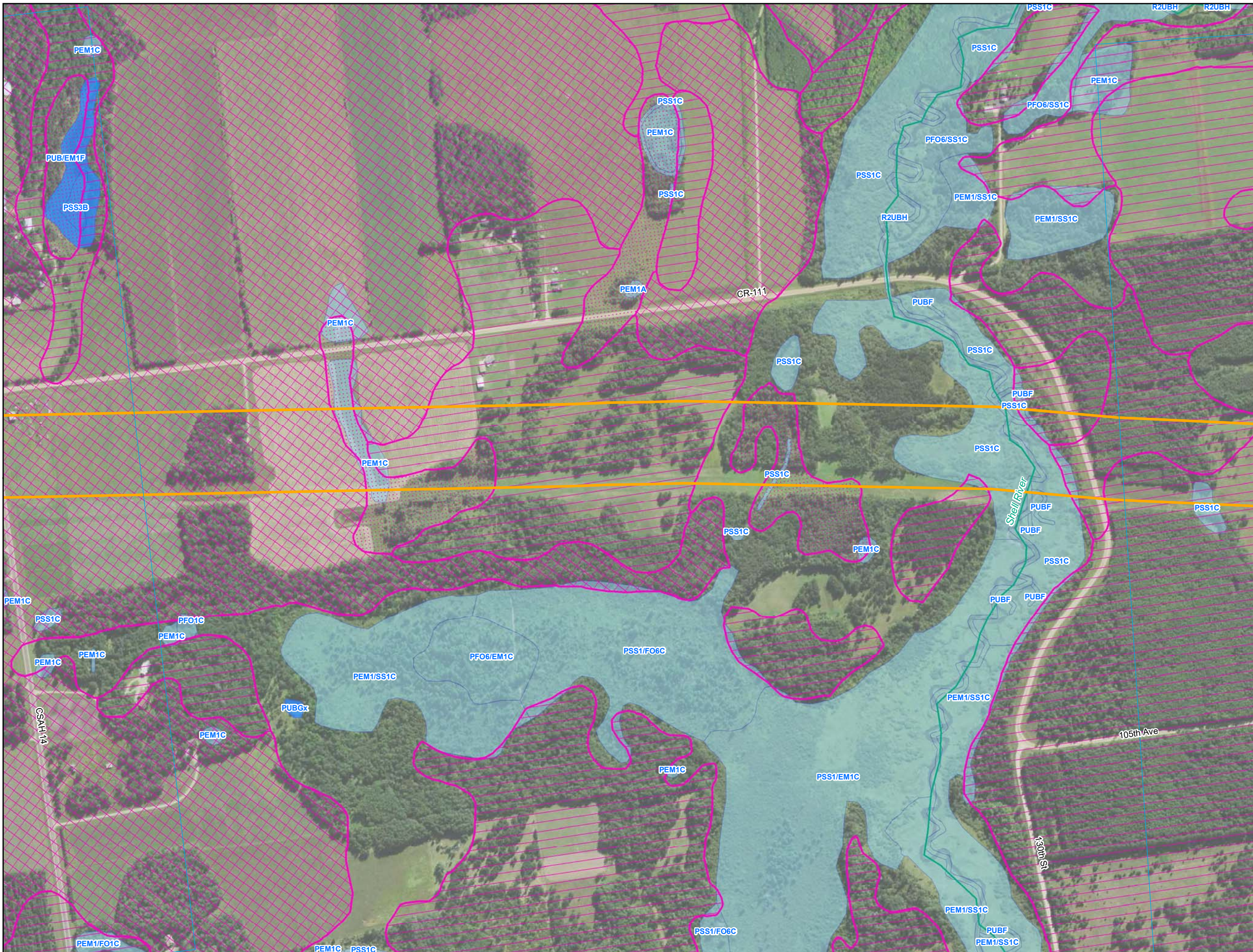
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_FIE\Enbridge_Line_3_Full_Replacement\IEID_Data\Wetland\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MM113\CR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-28

Enbridge
**Desktop Environmental
Features**

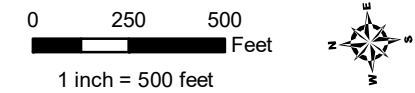
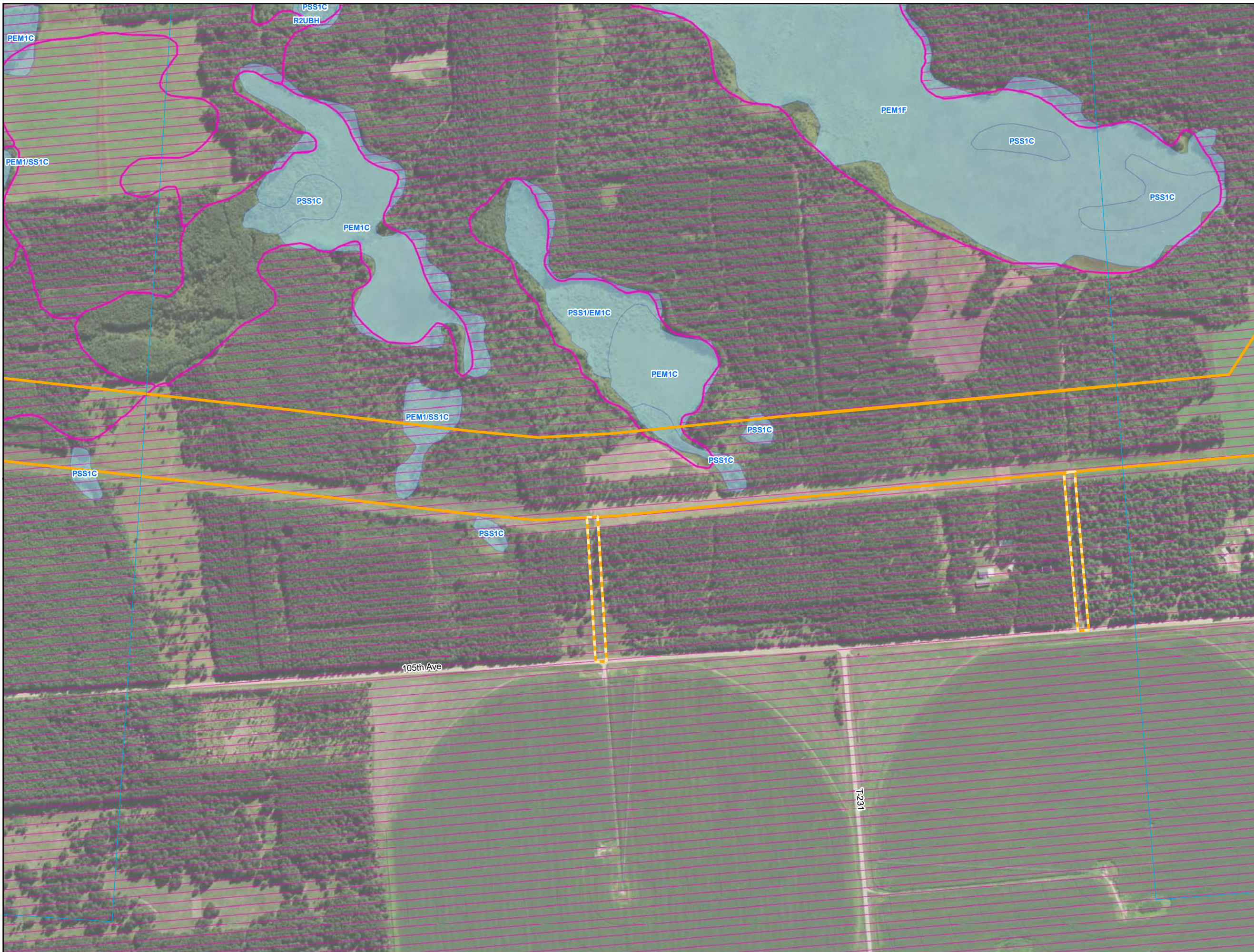
Hubbard County, Minnesota















September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\IE_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_2018060310M113CR_Wetland_WB_AppendixC_MM_bk.mxd



-  Environmental Survey Corridor
-  Access Road Survey Corridor
-  NWI Wetlands
- National Hydrography Dataset (NHD)
 -  Perennial Stream
 -  Intermittent Stream
 -  Canal/Ditch
 -  Waterbody
- Hydric Soils - (SSURGO)
 -  Hydric (100%)
 -  Hydric (66 to 99%)
 -  Hydric (33 to 65%)
 -  Hydric (1 to 32%)
 -  Not Hydric (0%)

Appendix C Exhibit C 7-29

Enbridge
**Desktop Environmental
Features**

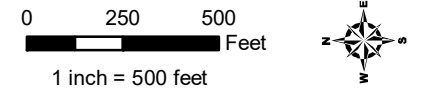
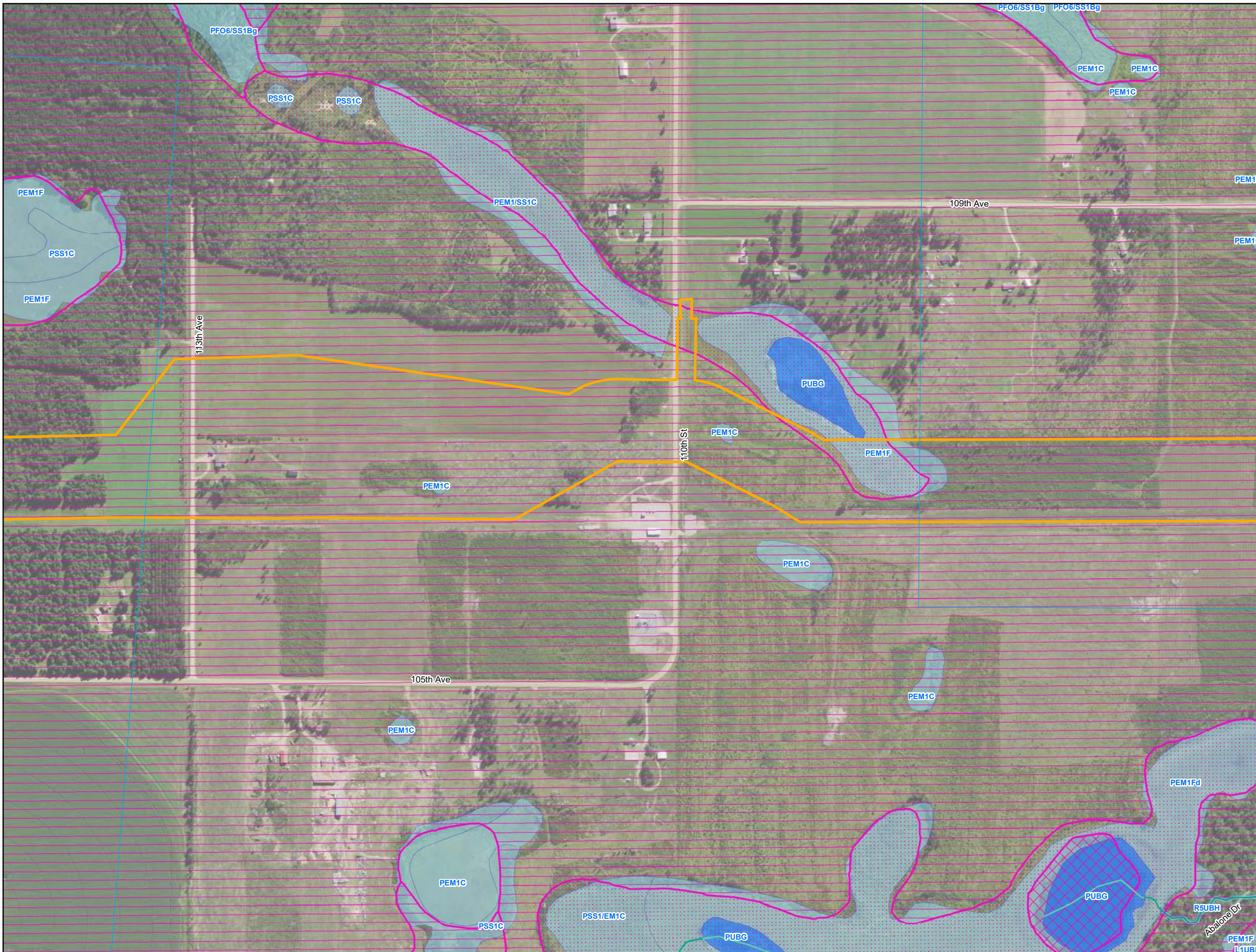
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_F\IE\enbridge\Line_3_Full_Replacement\field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_2018060310MNT\LSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-30

Enbridge

**Desktop Environmental
Features**

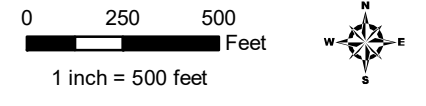
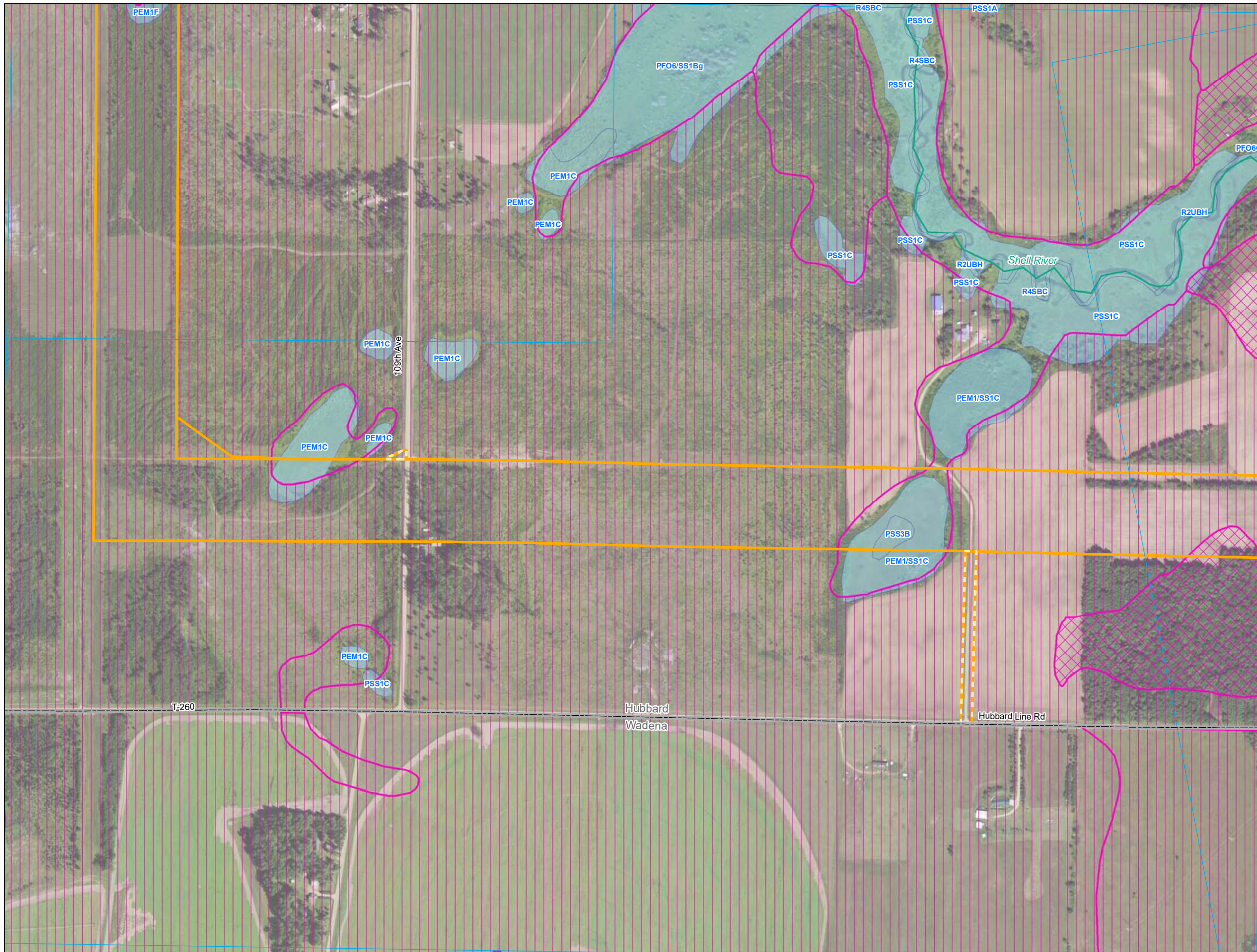
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge_Line_3_Full_Replacement\IEID_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\Wetland_Waterbody_20180631\Wetland_Waterbody_20180631\AppendixC_MN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
- Perennial Stream
- Intermittent Stream
- Canal/Ditch
- Waterbody
- Hydric Soils - (SSURGO)
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)

Appendix C Exhibit C 7-31

Enbridge

**Desktop Environmental
Features**

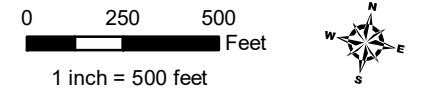
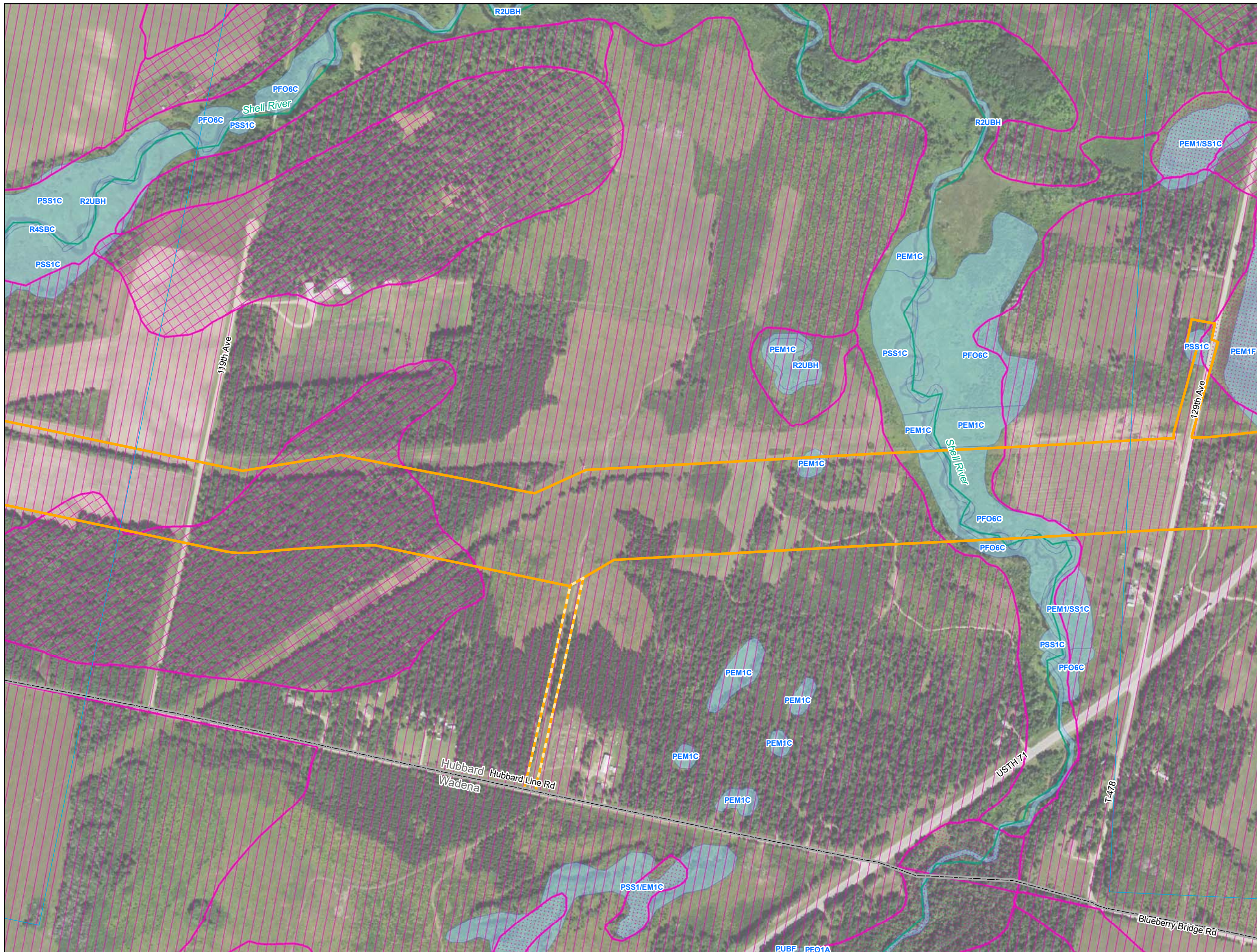
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_H\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_bk1.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-32**

Enbridge

**Desktop Environmental
Features**

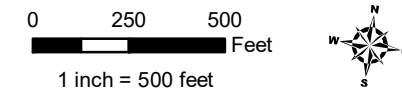
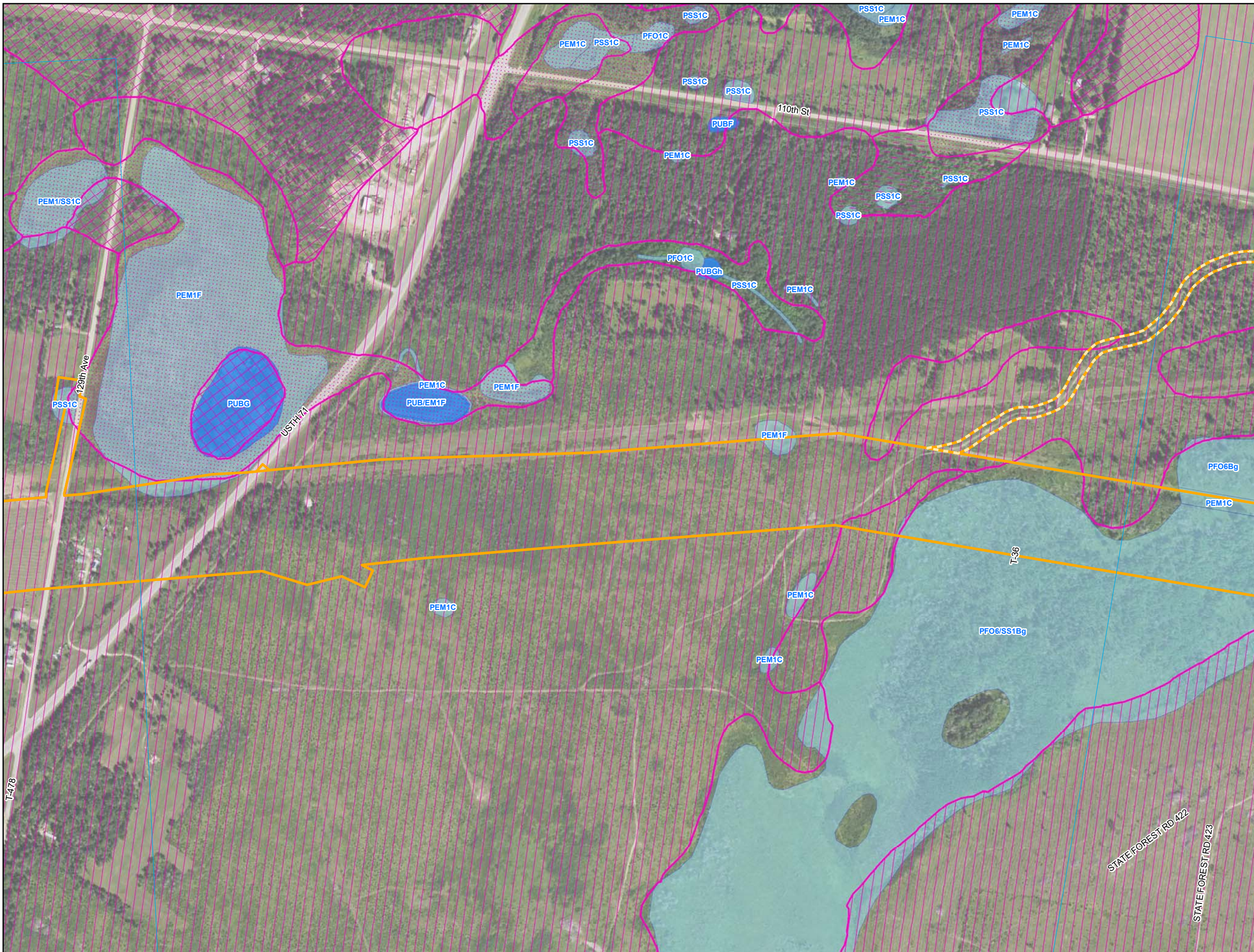
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FIE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Waterbody\Reposits\Wetland_Waterbody_20180631\MIN1\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-33**

**Enbridge
Desktop Environmental
Features**

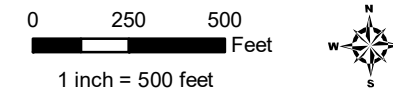
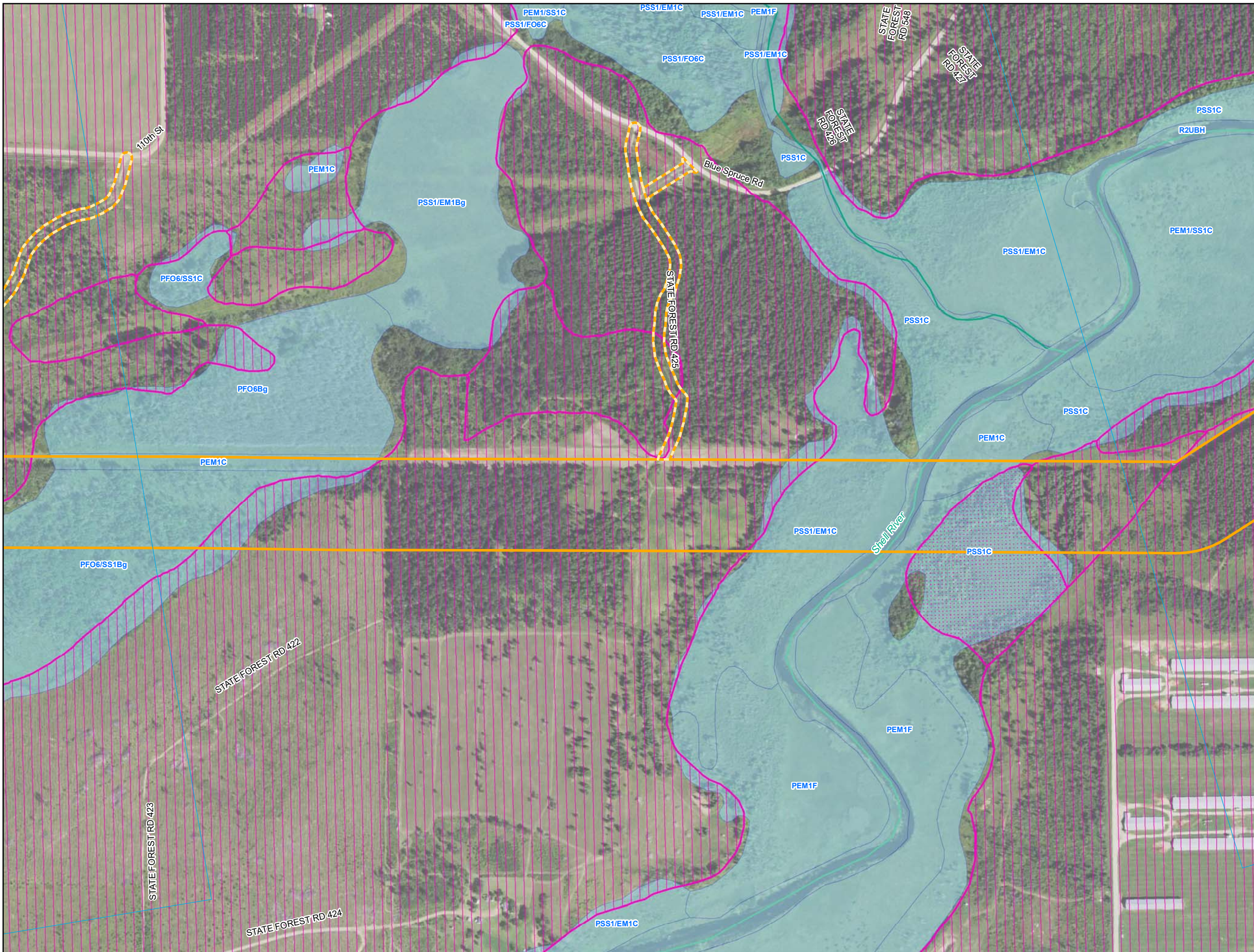
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge_Line_3_Full_Replacement\IE_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\NWI\CSR_Wetland_WB_AppendixC_MN_bk1.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-34

Enbridge Desktop Environmental Features

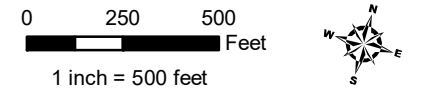
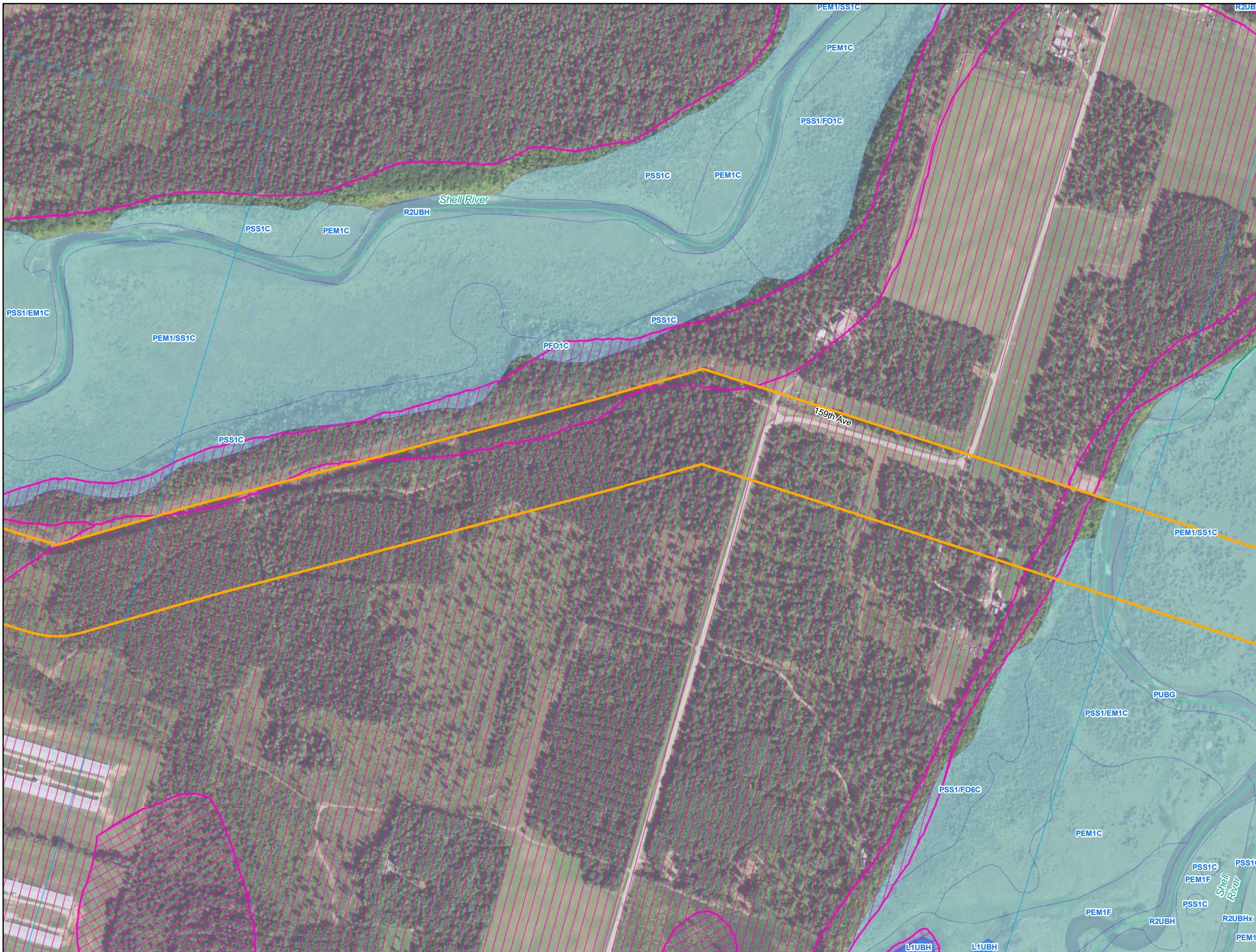
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_Hubbridge\Line_3_Full_ReplacementField_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_Waterbody_AppendixC_MM_bk1.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-35**

Enbridge

**Desktop Environmental
Features**

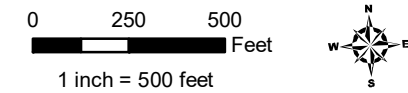
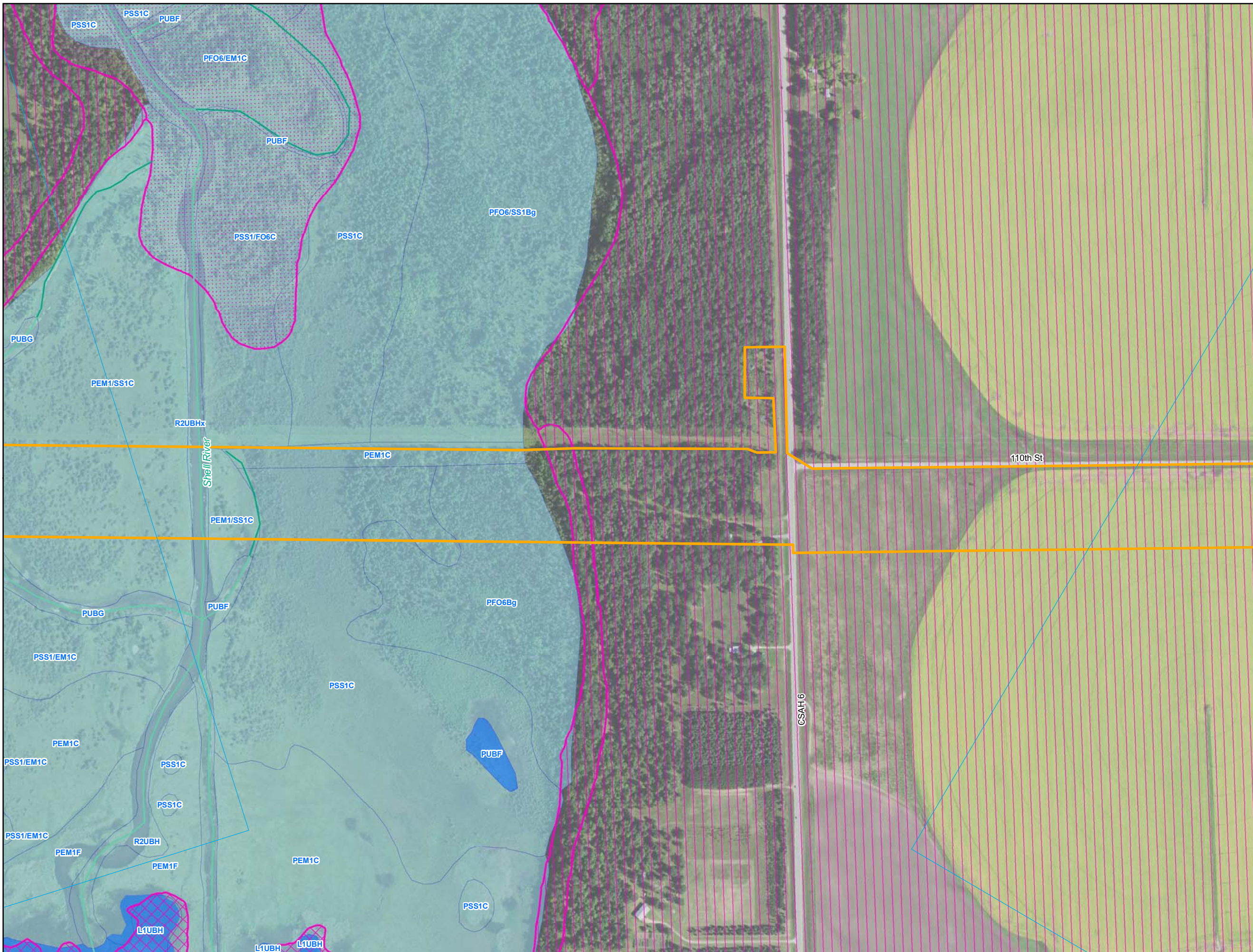
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE - FHE\enbridge\Line_3_Full_ReplacementField_Data\enbridge\Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-36

Enbridge Desktop Environmental Features

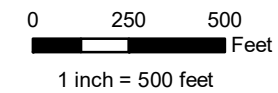
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

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- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-37

Enbridge Desktop Environmental Features

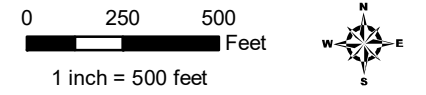
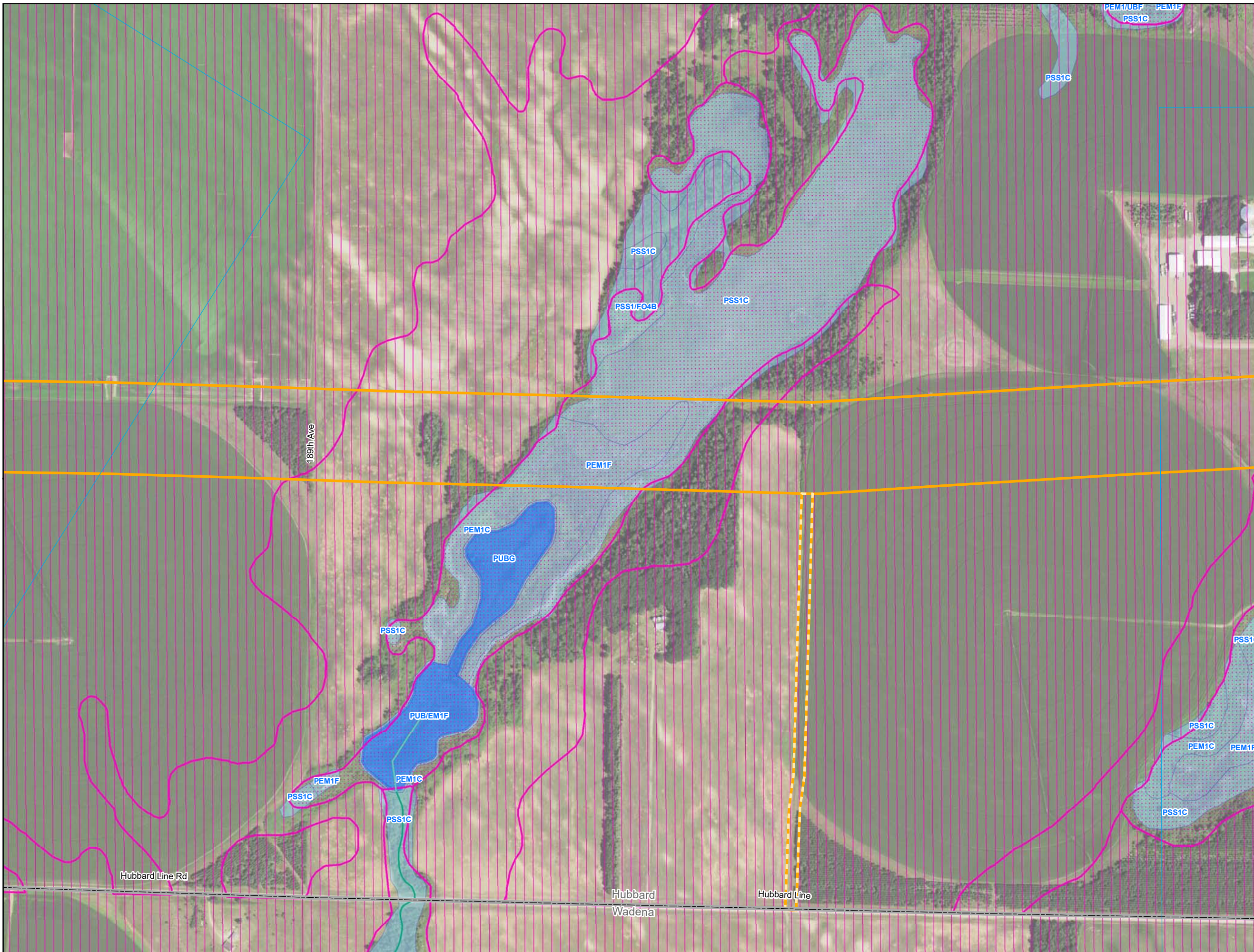
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_H\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\LSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-38

Enbridge Desktop Environmental Features

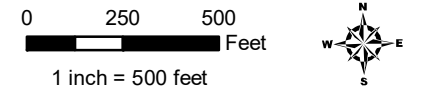
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-39**

Enbridge

**Desktop Environmental
Features**

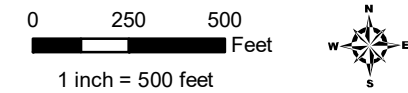
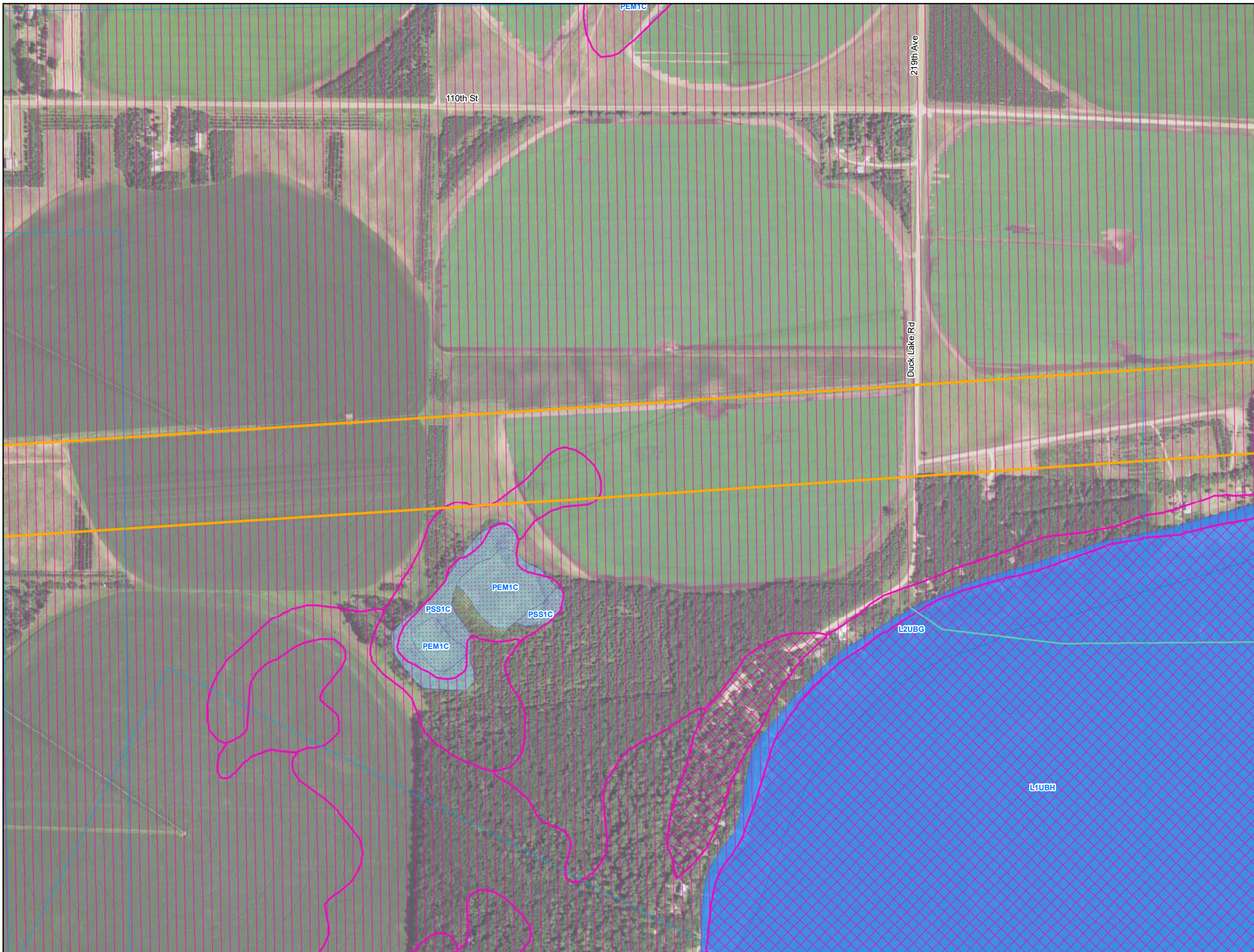
Hubbard County, Minnesota















September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Client\IE_FHE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MN_bk1.mxd



-  Environmental Survey Corridor
-  Access Road Survey Corridor
-  NWI Wetlands
- National Hydrography Dataset (NHD)
 -  Perennial Stream
 -  Intermittent Stream
 -  Canal/Ditch
 -  Waterbody
- Hydric Soils - (SSURGO)
 -  Hydric (100%)
 -  Hydric (66 to 99%)
 -  Hydric (33 to 65%)
 -  Hydric (1 to 32%)
 -  Not Hydric (0%)

**Appendix C
Exhibit C 7-40**

Enbridge

**Desktop Environmental
Features**

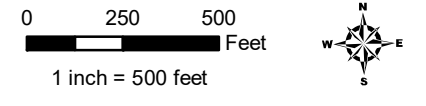
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MMT\LSR_Wetland_WB_AppendixC_MN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-41

Enbridge

Desktop Environmental Features

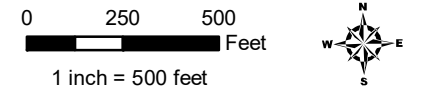
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE - FIE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-42

Enbridge

Desktop Environmental Features

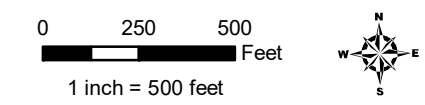
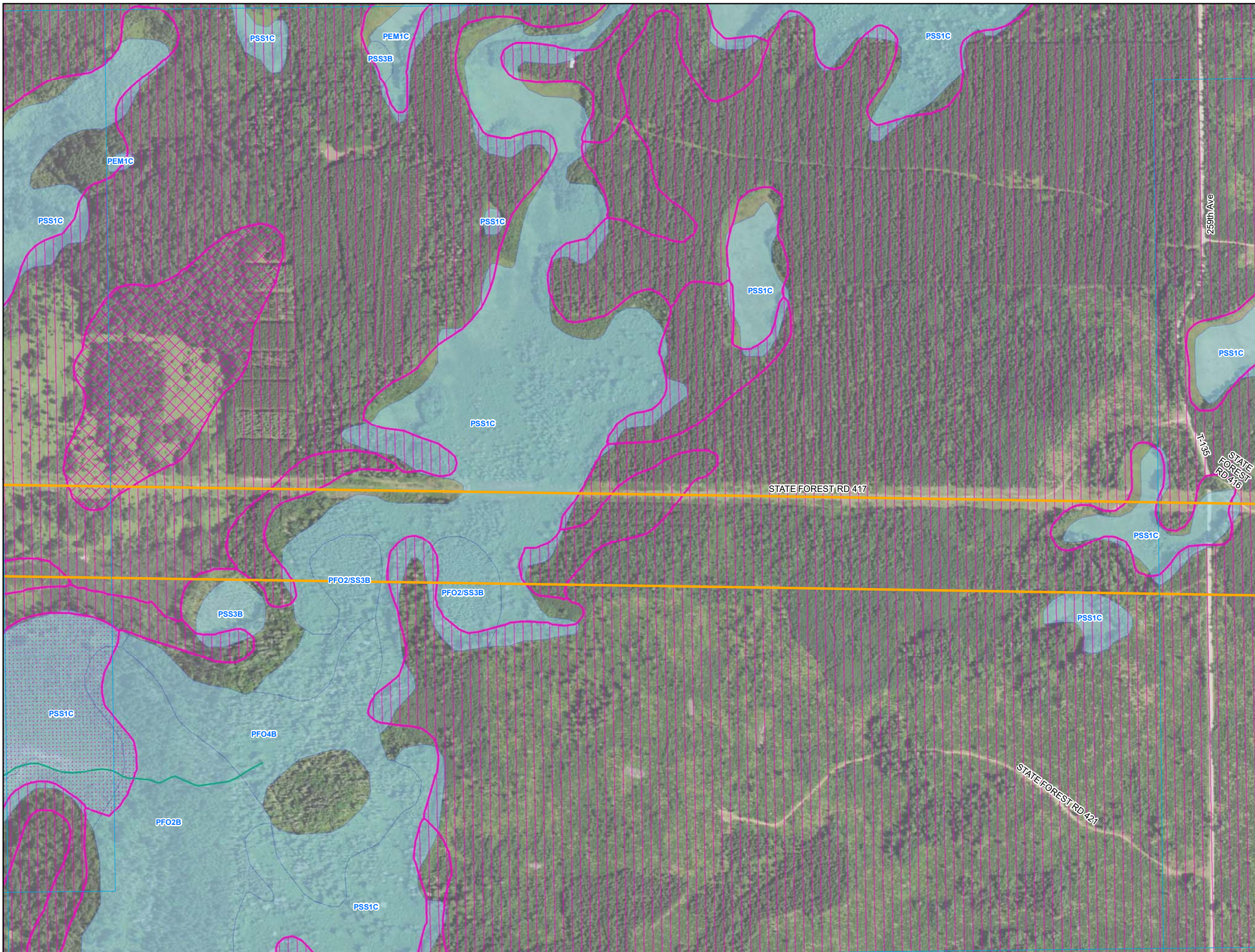
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\enbridge\Line_3_Full_Replacement\field_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MMT\LSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-43

Enbridge
**Desktop Environmental
Features**

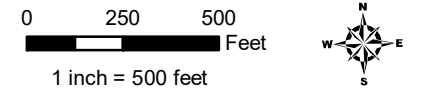
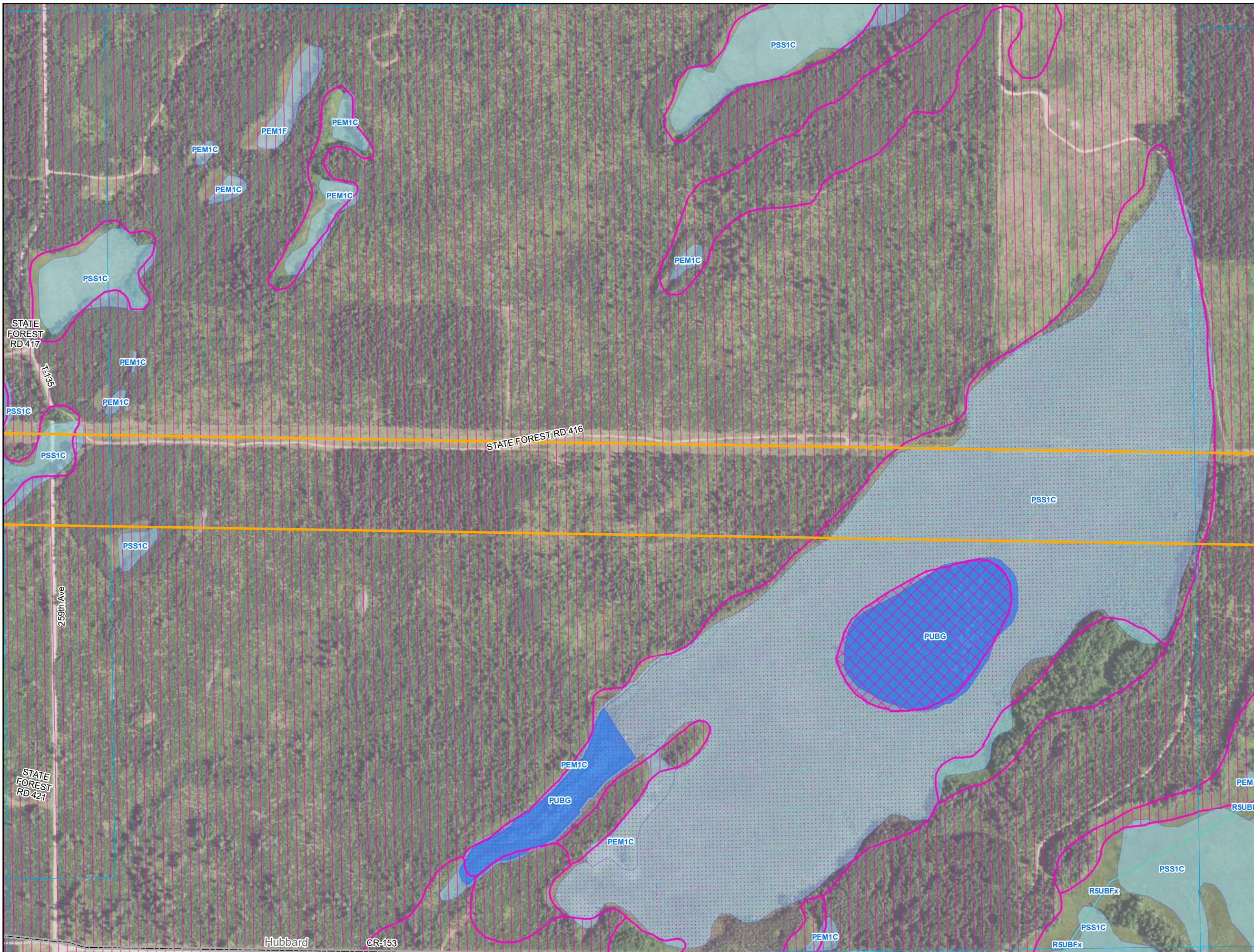
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\MapData\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\Map\Line3R_Wetland_WB_AppendixC_MN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydic Soils - (SSURGO)
 - Hydic (100%)
 - Hydic (66 to 99%)
 - Hydic (33 to 65%)
 - Hydic (1 to 32%)
 - Not Hydic (0%)

Appendix C Exhibit C 7-44

Enbridge

Desktop Environmental Features

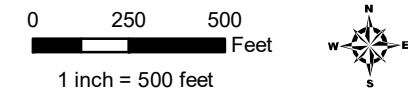
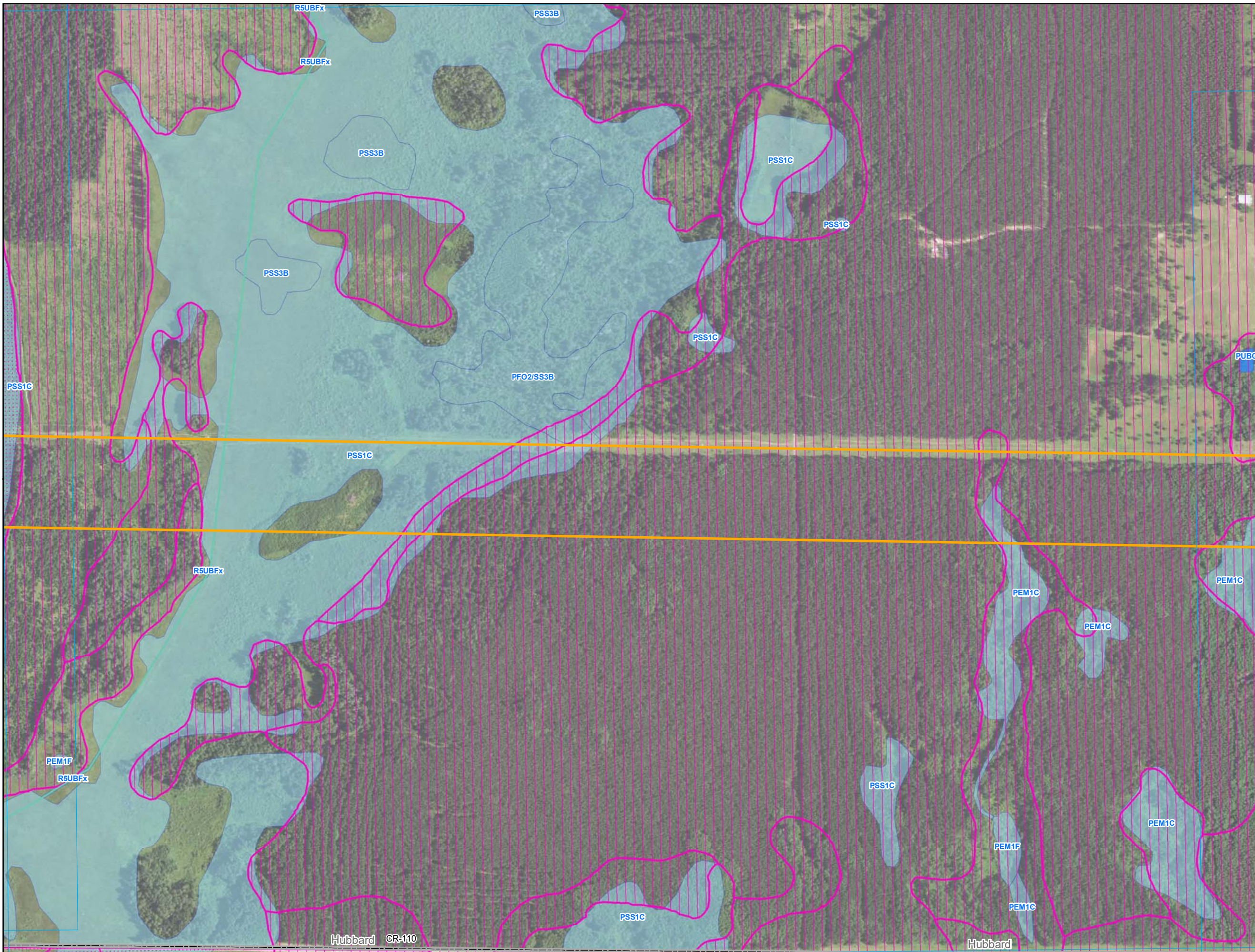
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Wetland\Waterbody\Reports\Wetland\Waterbody_20180631\Wetland\Wetland_WB_AppendixC_MN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

**Appendix C
Exhibit C 7-45**

Enbridge

**Desktop Environmental
Features**

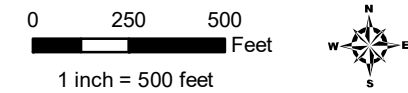
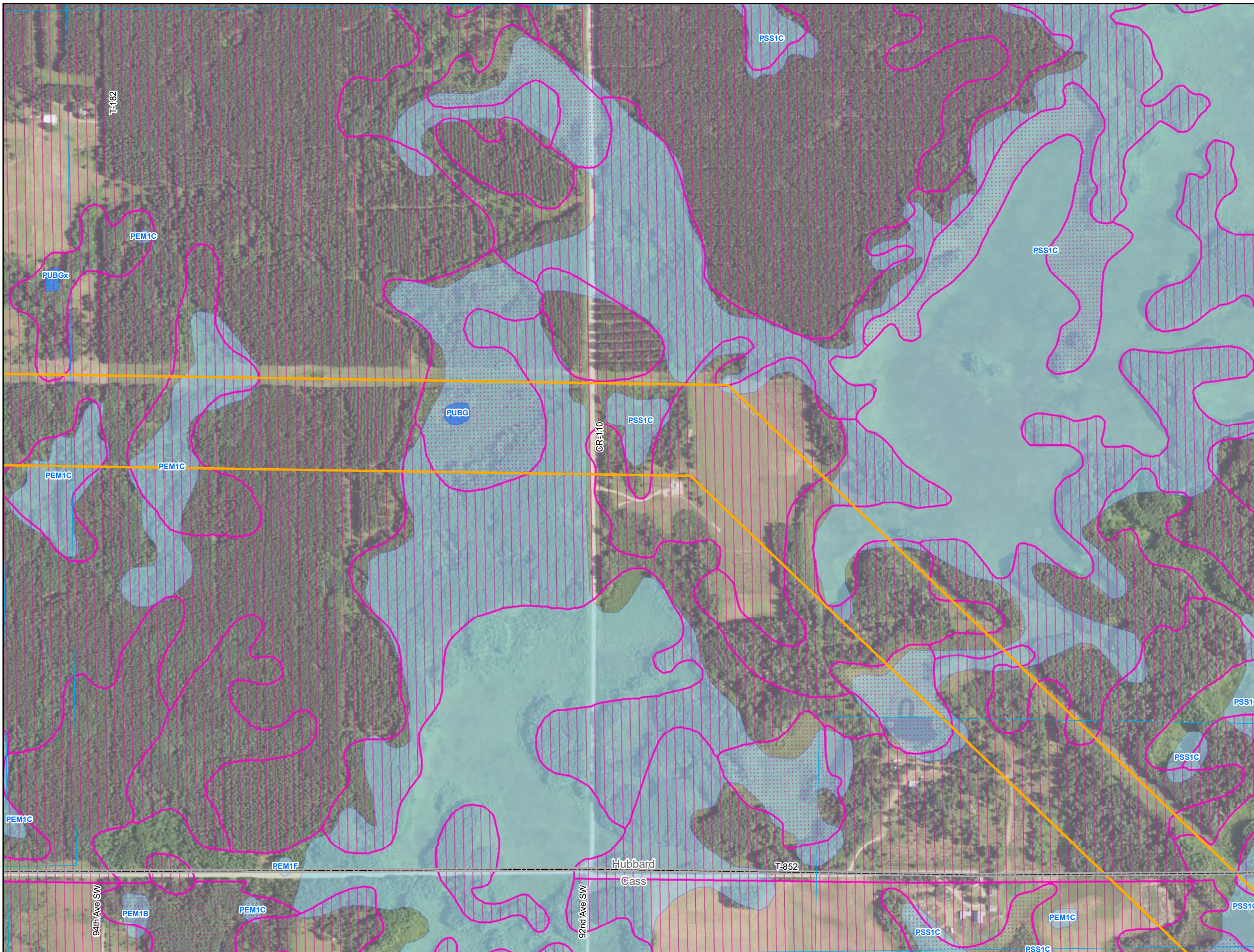
Hubbard County, Minnesota















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Date: (9/13/2018) Source: Z:\Clients\IE_HHubbardLine_3_Full_ReplacementField_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MIN\T3CR_Wetland_WB_AppendixC_MN_bk1.mxd



-  Environmental Survey Corridor
-  Access Road Survey Corridor
-  NWI Wetlands
- National Hydrography Dataset (NHD)
 -  Perennial Stream
 -  Intermittent Stream
 -  Canal/Ditch
 -  Waterbody
- Hydric Soils - (SSURGO)
 -  Hydric (100%)
 -  Hydric (66 to 99%)
 -  Hydric (33 to 65%)
 -  Hydric (1 to 32%)
 -  Not Hydric (0%)

Appendix C Exhibit C 7-46

Enbridge
**Desktop Environmental
Features**

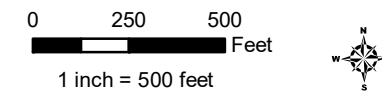
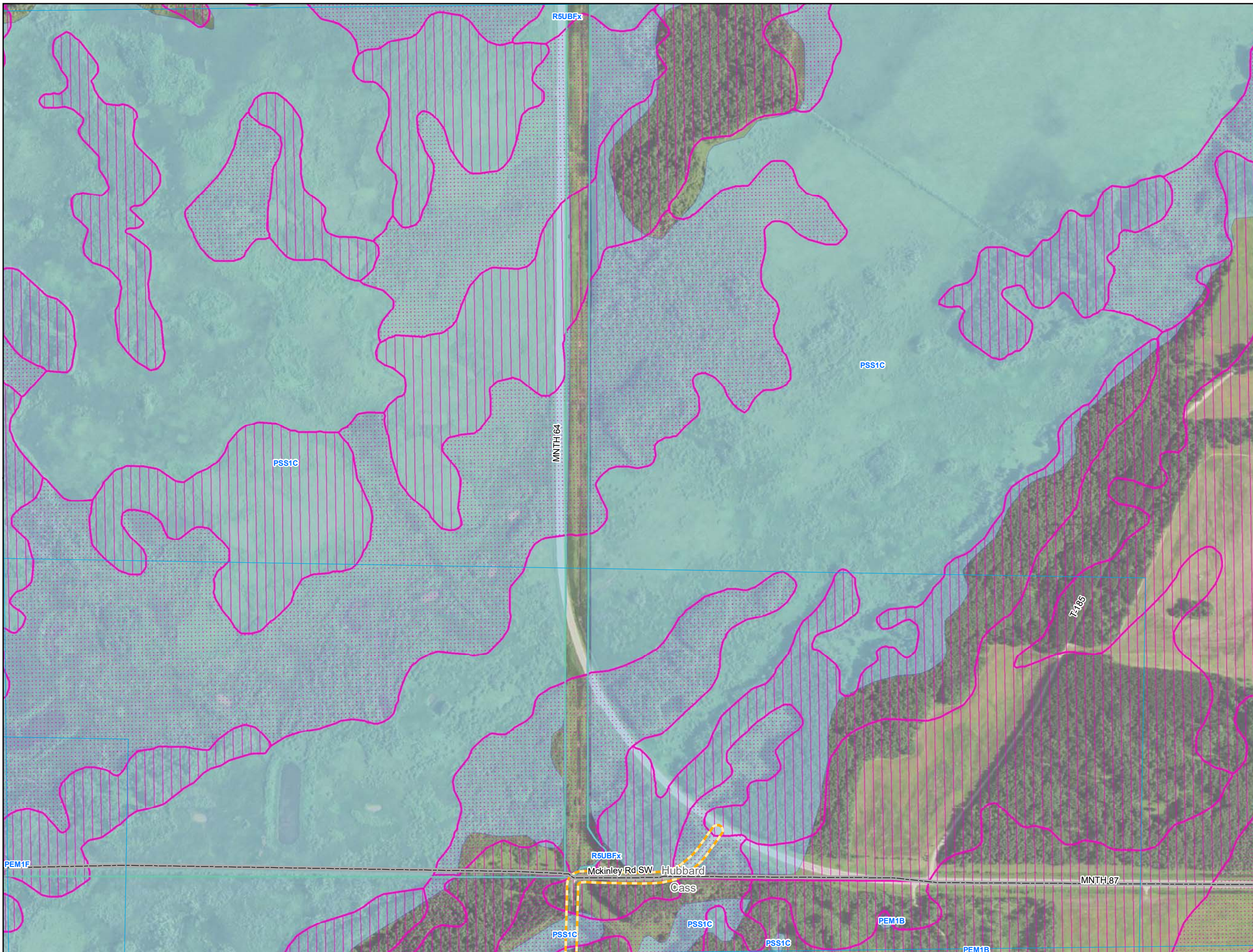
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_F\IE\EnbridgeLine_3_Full_Replacement\field_Data\Wetland_Waterbody\Reports\Wetland_Waterbody_20180631\MMT\CSR_Wetland_WB_AppendixC_MM_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-47

Enbridge Desktop Environmental Features

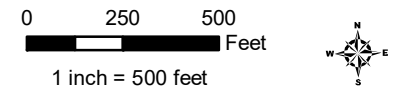
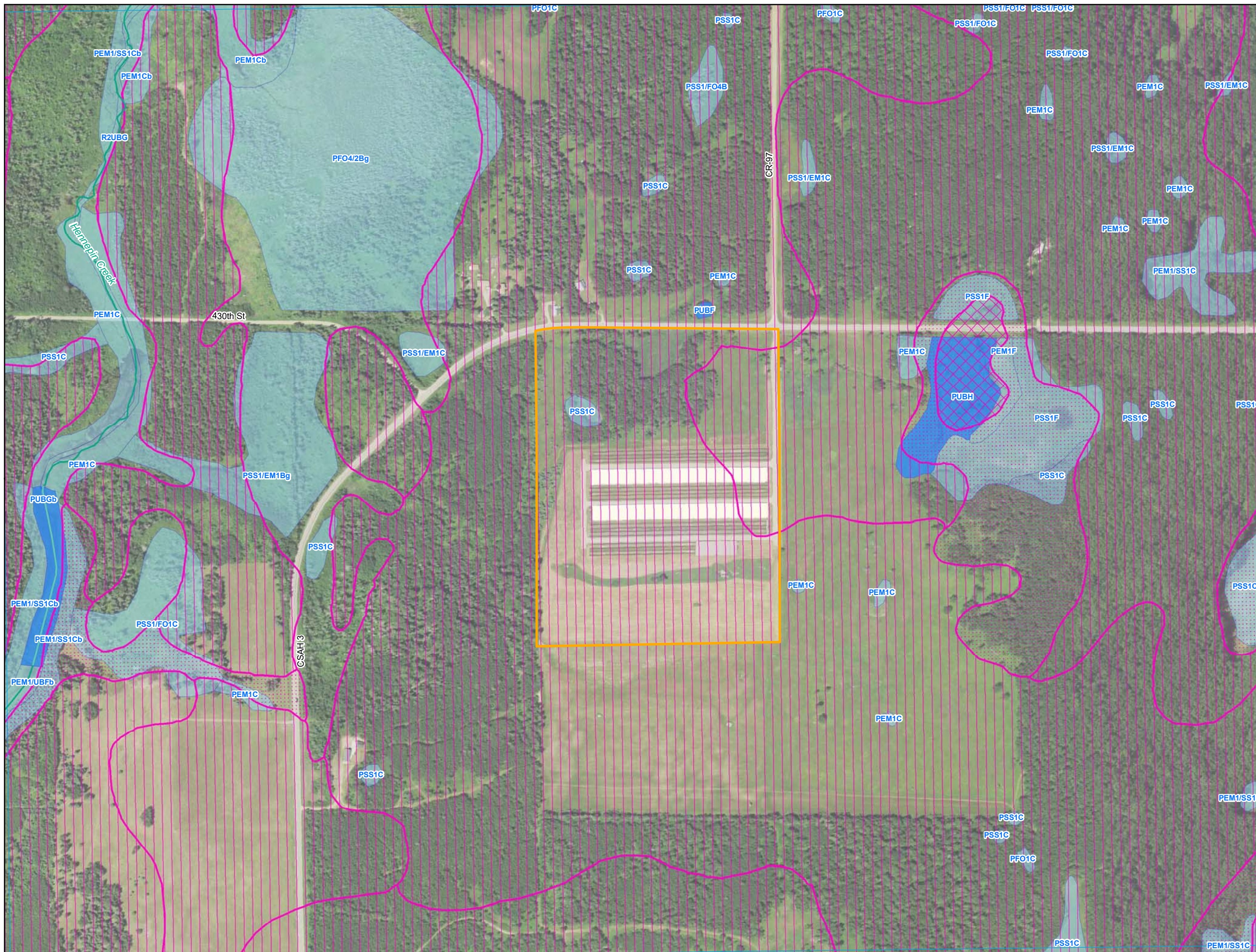
Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Source: Z:\Clients\IE_F\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MNTN\CSR_Wetland_WB_AppendixC_MN_bkgs.mxd Date: (9/13/2018)



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-48

Enbridge

**Desktop Environmental
Features**

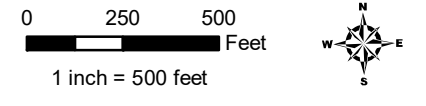
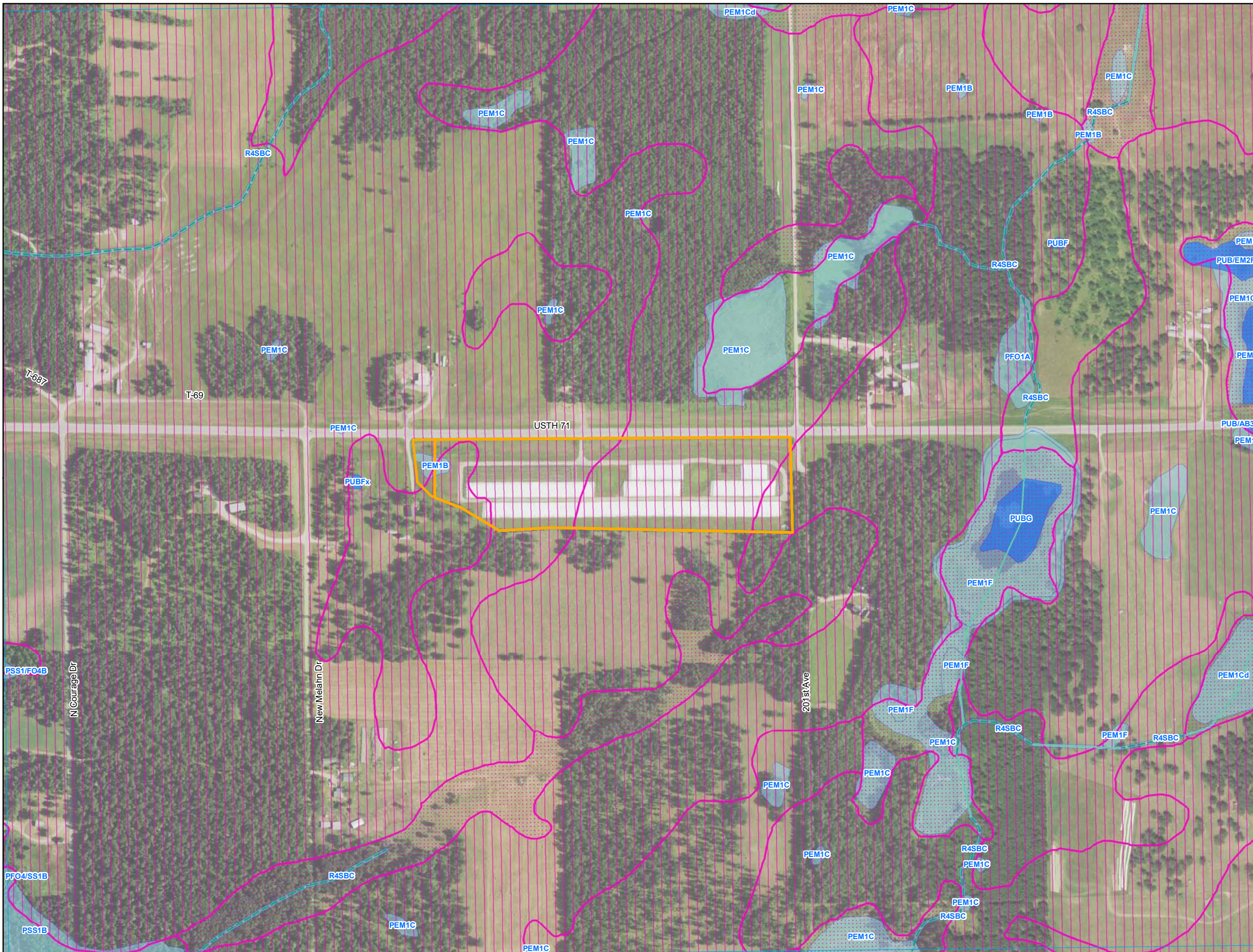
Hubbard County, Minnesota



September 2018

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Date: (9/13/2018) Source: Z:\Clients\IE_Henepin\Enbridge\Line_3_Full_Replacement\Field_Data\Wetland\Waterbody\Reports\Wetland_Waterbody_20180631\MIN13CR_Wetland_WB_AppendixC_MIN_bkgs.mxd



- Environmental Survey Corridor
- Access Road Survey Corridor
- NWI Wetlands
- National Hydrography Dataset (NHD)
 - Perennial Stream
 - Intermittent Stream
 - Canal/Ditch
 - Waterbody
- Hydric Soils - (SSURGO)
 - Hydric (100%)
 - Hydric (66 to 99%)
 - Hydric (33 to 65%)
 - Hydric (1 to 32%)
 - Not Hydric (0%)

Appendix C Exhibit C 7-49

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Desktop Environmental Features

Hubbard County, Minnesota



September 2018

For Environmental Review Purposes Only

Date: (9/13/2018) Source: Z:\Clients\IE_FHE\EnbridgeLine_3_Full_ReplacementField_Data\Waterbody\Reports\Wetland_Waterbody_20180631\MM113\LR_Wetland_WB_AppendixC_MM_bk1.mxd